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NEWS	19	JUL	28	IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
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NEWS	22	AUG	13	CA/CAplus enhanced with printed Chemical Abstracts
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NEWS		AUG		CAOLD to be discontinued on December 31, 2008
NEWS		AUG		CAplus currency for Korean patents enhanced
NEWS	25	AUG	25	CA/CAplus, CASREACT, and IFI and USPAT databases
				enhanced for more flexible patent number searching
NEWS	26	AUG	27	CAS definition of basic patents expanded to ensure
				comprehensive access to substance and sequence
	0.77	0.005		information
NEWS	21	SEP	18	Support for STN Express, Versions 6.01 and earlier,
NEWS	20	SEP	2.5	
NEWS	28	SEP	25	CA/CAplus current-awareness alert options enhanced

to accommodate supplemental CAS indexing of

exemplified prophetic substances

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NEWS 30 SEP 29 IFICLS enhanced with new super search field

NEWS 31 SEP 29 EMBASE and EMBAL enhanced with new search and display fields

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chain nodes : 11 24

```
ring nodes :
1 2 3 4 5 6 7 8 9 10 12 13 14 15 16 17 18 19 20 21 22 23
chain bonds :
1-12 3-24 7-13 8-11
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10 12-14 12-18 13-19 13-23
14-15 15-16 16-17 17-18 19-20 20-21 21-22 22-23
exact/norm bonds :
3-24 5-7 6-10 7-8 7-13 8-9 8-11 9-10
exact bonds :
1-12
normalized bonds :
1-2 \quad 1-6 \quad 2-3 \quad 3-4 \quad 4-5 \quad 5-6 \quad 12-14 \quad 12-18 \quad 13-19 \quad 13-23 \quad 14-15 \quad 15-16 \quad 16-17
17-18 19-20 20-21 21-22 22-23
isolated ring systems :
containing 1 : 12 : 13 :
```

Match level: 1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:CLASS 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 22:Atom 23:Atom 24:CLASS

L1 STRUCTURE UPLOADED

=> d L1 L1 HAS NO ANSWERS L1 STR

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=> s 11 full FULL SEARCH INITIATED 13:59:06 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 1030 TO ITERATE

100.0% PROCESSED 1030 ITERATIONS SEARCH TIME: 00.00.01 437 ANSWERS

L2 437 SEA SSS FUL L1

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=> s 12 L3

12 L2

=> d 13 1- ibib abs hitstr

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L3 ANSWER 1 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2008:551396 CAPLUS

DOCUMENT NUMBER: 148:538545

TITLE: Preparation of dihydroquinoline moiety-containing amino acid derivatives as inhibitors of p38

mitogen-activated protein kinase

Patent.

INVENTOR(S): Moffat, David Festus Charles; Pintat, Stephane

PATENT ASSIGNEE(S): Chroma Therapeutics Ltd., UK PCT Int. Appl., 91pp.

SOURCE: CODEN: PIXXD2

DOCUMENT TYPE:

LANGUAGE: English FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| | PAT | ENT | NO. | | | KIND DATE | | | | | APPL | | DATE | | | | | | |
|------|------|-------|------|------|-----|-------------------|-----|-----|-----|-----|------|------|------|----------|------------|-----|-----|-----|--|
| | WO | 2008 | 0531 | 58 | | A1 20080508 | | | | | WO 2 | 007- | GB40 | 20071022 | | | | | |
| | | W: | ΑE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BH, | BR, | BW, | BY, | BZ, | CA, | |
| | | | CH, | CN, | CO, | CR, | CU, | CZ, | DE, | DK, | DM, | DO, | DZ, | EC, | EE, | EG, | ES, | FI, | |
| | | | GB, | GD, | GE, | GH, | GM, | GT, | HN, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | |
| | | | KM, | KN, | KP, | KR, | KZ, | LA, | LC, | LK, | LR, | LS, | LT, | LU, | LY, | MA, | MD, | ME, | |
| | | | MG, | MK, | MN, | MW, | MX, | MY, | MZ, | NA, | NG, | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | |
| | | | PT, | RO, | RS, | RU, | SC, | SD, | SE, | SG, | SK, | SL, | SM, | SV, | SY, | TJ, | TM, | TN, | |
| | | | TR, | TT, | TZ, | UA, | UG, | US, | UZ, | VC, | VN, | ZA, | ZM, | zw | | | | | |
| | | RW: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, | |
| | | | IS, | IT, | LT, | LU, | LV, | MC, | MT, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | BF, | |
| | | | ВJ, | CF, | CG, | CI, | CM, | GA, | GN, | GQ, | GW, | ML, | MR, | NE, | SN, | TD, | TG, | BW, | |
| | | | GH, | GM, | KΕ, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, | ΑZ, | |
| | | | BY, | KG, | KZ, | MD, | RU, | TJ, | TM | | | | | | | | | | |
| PRIO | RITY | APP | LN. | INFO | . : | GB 2006-21830 | | | | | | | | 0 | A 20061102 | | | | |
| OTHE | D 97 | TIDOR | 121. | | | MADDAT 1/8.5385/5 | | | | | | | | | | | | | |

OTHER SOURCE(S): MARPAT 148:538545 GT

Ι

The title compds. I (the dotted line represents a bond which is present or absent; R3 - R6 = H, halo; M, P = -N=, -CH=; Z = R1R2CHNH-Y-L1-X1-(CH2)b; R1 = carboxylic acid group (CO2H) or an ester group which is hydrolyzable by one more intracellular esterase enzymes to a carboxylic acid group; R2 = side chain of a natural or non-natural alpha amino acid; Y = bond, CO, SO2, etc.; L1 = (Alk1)m(Q)n(Alk2)p; m, n, p = 0 or 1; Q = (i)(un) substituted divalent mono- or bicyclic carbocyclic or heterocyclic radical having 5 - 13 ring members, or (ii) divalent radical Q1X2 (in the case where p is 0); X2 = 0, S, NRa; Ra = H, (un)substituted alkyl; Q1 = (un) substituted divalent mono- or bicyclic carbocyclic or heterocyclic radical having 5 - 13 ring members; Alk1, Alk2 = (un)substituted divalent cycloalkyl radicals, (un) substituted straight or branched alkylene, alkenylene, alkynylene radicals which may optionally contain or terminate in an ether, thioether, or amino link; X1 = bond, CO, SO2, etc.; b = 0 or 1] are prepared Thus, cyclopentyl N-(3-([5-(2-chloro-4-fluorophenyl)-1-(2,6dichlorophenyl)-2-oxo-1,2-dihydroquinolin-7-yl]oxy)propyl)-L-leucinate was prepared in a multistep process starting from 3,5-dibromo-4-methylphenol. Many compds, of this invention showed IC50 values < 100 nM in an assay for p38 MAPK a inhibition.

T 1024500-12-6P RL: PRC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of dihydroquinoline moiety-containing amino acid derivs. as inhibitors of p38 mitogen-activated protein kinase) 1024500-12-6 CAPLUS

CN L-Leucine, N-[3-[[4-(2-chloro-4-fluorophenyl)-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]propyl]-, cyclopentyl ester (CA INDEX NAME)

Absolute stereochemistry.

RN

III 1024500-49-9P 1024500-50-2P RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of dihydroquinoline moiety-containing amino acid derivs. as inhibitors of p38 mitogen-activated protein kinase)

RN 1024500-49-9 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(2-chloro-4-fluorophenyl)-8-(2,6-difluorophenyl)-2-[[2-(1,3-dioxolan-2-yl)ethyl]amino]- (CA INDEX NAME)

- RN 1024500-50-2 CAPLUS
- CN Propanal, 3-[[4-(2-chloro-4-fluorophenyl)-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]- (CA INDEX NAME)

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

4 L3 ANSWER 2 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN 2007:1454645 CAPLUS ACCESSION NUMBER:

DOCUMENT NUMBER: 148:79050

TITLE: 8H-Pyrido[2,3-d]pyrimidin-7-one derivatives as

CSBP/RK/p38 kinase inhibitors and their preparation, pharmaceutical compositions and use in the treatment

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS

of diseases INVENTOR(S): Corsi, Mauro; Faiferman, Isidore; Merlo-Pich, Emilio;

Ratti, Emiliangelo; Wren, Paul Bryan

PATENT ASSIGNEE(S): Glaxo Group, Limited, UK

SOURCE: PCT Int. Appl., 135pp. CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

REFERENCE COUNT:

| | PATENT NO. | | | | | | KIND DATE | | | APPL | | DATE | | | | | | | |
|----------|------------------|-----|------|-----|-----------------|-----|------------|-----|-----|-----------------|-----|------|------------|-----|-----|-----|-----|--|--|
| | | | | | | | A2 2007122 | | | WO 2007-US71319 | | | | | | | | | |
| | W: | AE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BH, | BR, | BW, | BY, | BZ, | CA, | | |
| | | CH, | CN, | CO, | CR, | CU, | CZ, | DE, | DK, | DM, | DO, | DZ, | EC, | EE, | EG, | ES, | FI, | | |
| | | GB, | GD, | GE, | GH, | GM, | GT, | HN, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | | |
| | | KM, | KN, | KP, | KR, | KZ, | LA, | LC, | LK, | LR, | LS, | LT, | LU, | LY, | MA, | MD, | ME, | | |
| | | MG, | MK, | MN, | MW, | MX, | MY, | MZ, | NA, | NG, | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | | |
| | | PT, | RO, | RS, | RU, | SC, | SD, | SE, | SG, | SK, | SL, | SM, | SV, | SY, | TJ, | TM, | TN, | | |
| | | TR, | TT, | TZ, | UA, | UG, | US, | UZ, | VC, | VN, | ZA, | ZM, | ZW | | | | | | |
| | RW: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, | | |
| | | IS, | IT, | LT, | LU, | LV, | MC, | MT, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | BF, | | |
| | | BJ, | CF, | CG, | CI, | CM, | GA, | GN, | GQ, | GW, | ML, | MR, | NE, | SN, | TD, | TG, | BW, | | |
| | | GH, | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, | AZ, | | |
| | | BY, | KG, | KZ, | MD, | RU, | TJ, | TM | | | | | | | | | | | |
| PRIORIT: | Y APP | LN. | INFO | . : | US 2006-805033P | | | | | | | 1 | P 20060616 | | | | | | |
| OTHER SO | MARPAT 148:79050 | | | | | | | | | | | | | | | | | | |

- AB Substituted 8H-pyrido[2,3-d]pyrimidin-7-ones and substituted 3,4-dihydro-pyrimido[4,5-d]pyrimidin-2-(1H)-ones of formula I and compns. containing them and their use in therapy as CSBP/RK/p38 kinase inhibitors are disclosed. Compds. of formula I wherein G1 is CH2 and NH, when dashed line is single bond; G1 is CH and N when dashed line is a double bond; R1 is (un)substituted (hetero)aryl, (un)substituted (hetero)aryl-C2-10 alkyl, , (un) substituted (hetero) ary1-C2-10 alkenyl, etc.; X is H, OH and derivs., (un)substituted C1-10 alkyl, SH and derivs., SOH and derivs., SO2H and derivs., etc.; R3 is (un) substituted C1-10 alkyl, (un) substituted C3-7 cycloalkyl, (un)substituted (hetero)aryl, etc.; and their pharmaceutically acceptable salts, solvates and physiol. functionalized derivs, thereof are claimed. Example compound II was prepared by cross-coupling of 4-chloro-2-(2-hydroxy-1-hydroxymethylethylamino)8-(4trifluoromethylphenyl) 8H-pyrido[2,3-d]pyrimidin-7-one with 2-methylsulfanylphenylboronic acid. All the invention compds. were evaluated for their CSBP/RK/p38 kinase inhibitory activity (some data given).
- given;
 II 911370-36-0P 911370-37-1P 911370-41-7P
 R1: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
 (drug candidate and intermediate; preparation of pyridopyrimidinone derivs. as CSBP/RK/938 kinase inhibitors useful in the treatment of diseases)
- RN 911370-36-0 CAPLUS
 CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[[2-hydroxy-1(hydroxymethyl)ethyl]amino]-4-[2-(methylthio)phenyl]- (CA INDEX NAME)

- RN 911370-37-1 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-[3-(methylthio)phenyl]- (CA INDEX NAME)

- RN 911370-41-7 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-[4-(methylthio)phenyl]- (CA INDEX NAME)

ΙT

911370-11-1P 911370-12-2P 911370-13-3P 911370-14-4P 911370-15-5P 911370-16-6P RN

CN

911370-17-7P 911370-18-8P 911370-19-9P

(trifluoromethyl)phenyl |- (CA INDEX NAME)

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911370-20-2P 911370-21-3P 911370-22-4P
911370-23-5P 911370-24-6P 911370-25-7P
911370-26-8P 911370-27-9P 911370-28-0P
911370-29-1P 911370-30-4P 911370-31-5P
911370-32-6P 911370-33-7P 911370-34-8P
911370-35-9P 911370-38-2P 911370-39-3P
911370-40-6P 911370-42-8P 911370-43-9P
911370-44-0P 911370-45-1P 911370-46-2P
911370-47-3P 911370-48-4P 911370-49-5P
911370-53-1P 911370-57-5P 911370-58-6P
929213-84-3P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)
   (drug candidate; preparation of pyridopyrimidinone derivs. as CSBP/RK/p38
   kinase inhibitors useful in the treatment of diseases)
911370-11-1 CAPLUS
Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-[[2-hydroxy-1-
(hydroxymethyl)ethyllaminol-4-[2-(methylthio)phenyl]-8-[4-
```

RN 911370-12-2 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-[3-(methylthio)phenyl]-8-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

- RN 911370-13-3 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-[[2-hydroxy-1-(hydroxymethyl)]exino]-4-[4-(methylthio)phenyl]-8-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

- RN 911370-14-4 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-phenyl-8-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 911370-15-5 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(3-chlorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-8-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 911370-16-6 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(4-chlorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-8-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

- RN 911370-17-7 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(3,4-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-8-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

- RN 911370-18-8 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(2-chlorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-8-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

- RN 911370-19-9 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-(4-methoxyphenyl)-8-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

- RN 911370-20-2 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-(3-methoxyphenyl)-8-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

- RN 911370-21-3 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-(2-methoxyphenyl)-8-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

- RN 911370-22-4 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,4-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-[3-(methylthio)phenyl]- (CA INDEX NAME)

- RN 911370-23-5 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,4-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-[4-(methylthio)phenyl]- (CA INDEX NAME)

- RN 911370-24-6 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,4-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-[2-(methylthio)phenyl]- (CA INDEX NAME)

- RN 911370-25-7 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,4-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-(2-methoxyphenyl)- (CA INDEX NAME)

- RN 911370-26-8 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,4-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-(4-methoxyphenyl)- (CA INDEX NAME)

- RN 911370-27-9 CAPLUS

- RN 911370-28-0 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-[1,1'-biphenyl]-3-y1-8-(2,4difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]- (CA INDEX NAME)

- RN 911370-29-1 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,4-difluoropheny1)-2-[[2-hydroxy-1-(hydroxymethy1)ethy1]amino]-4-(2-methy1pheny1)- (CA INDEX NAME)

- RN 911370-30-4 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,4-difluorophenyl)-4-(2-fluoro[1,1'-biphenyl)-4-yl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]- (CA INDEX NAME)

RN 911370-31-5 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(4-chlorophenyl)-8-(2,4-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]- (CA INDEX NAME)

RN 911370-32-6 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(3-chlorophenyl)-8-(2,4difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]NAME)

RN 911370-33-7 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,4-difluorophenyl)-4-(3-fluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]- (CA INDEX NAME)

RN 911370-34-8 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,4-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-(3-methoxyphenyl)- (CA INDEX NAME)

- RN 911370-35-9 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,4-difluorophenyl)-4-(3,5-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]- (CA INDEX NAME)

- RN 911370-38-2 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-(4-methoxyphenyl)- (CA INDEX NAME)

- RN 911370-39-3 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-(3-methoxyphenyl)- (CA INDEX NAME)

- RN 911370-40-6 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-phenyl- (CA INDEX NAME)

- RN 911370-42-8 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-(2-methoxyphenyl)- (CA INDEX NAME)

- RN 911370-43-9 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-(2-hydroxyphenyl)- (CA INDEX NAME)

- RN 911370-44-0 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-(3-hydroxyphenyl)- (CA INDEX NAME)

- RN 911370-45-1 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-(4-hydroxyphenyl)- (CA INDEX NAME)

- RN 911370-46-2 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-[4-(methylsulfonyl)phenyl]- (CA INDEX NAME)

- RN 911370-47-3 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-[3-(methylsulfonyl)phenyl]- (CA INDEX NAME)

- RN 911370-48-4 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-[2-(methylsulfonyl)phenyl]- (CA INDEX NAME)

- RN 911370-49-5 CAPLUS
- CN Benzamide, N-cyclopropyl-3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl)aminol-7-oxopyrido[2,3-d]pyrimidin-4-yl]-5-fluoro-4-methyl- (CA INDEX NAME)

- RN 911370-53-1 CAPLUS
- CN Benzoic acid, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-2-methyl-(CA INDEX NAME)

- RN 911370-57-5 CAPLUS
- CN Benzoic acid, 4-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]- (CA INDEX NAME)

- RN 911370-58-6 CAPLUS
- CN Benzoic acid, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]- (CA INDEX NAME)

- RN 929213-84-3 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,4-difluorophenyl)-4-(3,4difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]- (CA INDEX
 NAME)

- IT 911370-54-2P
 - RL: PAC (Pharmacological activity); PRPH (Prophetic); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 - (prophetic drug candidate; preparation of pyridopyrimidinone derivs. as CSBP/RK/p38 kinase inhibitors useful in the treatment of diseases)
- RN 911370-54-2 CAPLUS
- CN Benzoic acid, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-5-fluoro-4-methyl-, 1,1-d-imethylethyl ester (CA INDEX NAME)

L3 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2007:1454462 CAPLUS

DOCUMENT NUMBER: 148:79048

TITLE: 2-Amino-7,8-dihydropyrido[2,3-d]pyrimidin-7-one

derivatives as CSBP/RK/p38 kinase inhibitors and their preparation, pharmaceutical compositions and use in

the treatment of diseases

INVENTOR(S): Corsi, Mauro; Faiferman, Isidore; Merlo-Pich, Emilio;

Ratti, Emiliangelo; Wren, Paul Bryan

Glaxo Group Limited, UK PATENT ASSIGNEE(S):

SOURCE: PCT Int. Appl., 301pp. CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PAI | ENT | NO. | | | KIND DATE | | | i | APPL | ICAT | DATE | | | | | | | |
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| WO | 2007 | | | | A2 200712 | | | | 1 | WO 2 | 007- | | 20070615 | | | | | |
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| | | GB, | GD, | GE, | GH, | GM, | GT, | HN, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | |
| | | KM, | KN, | KP, | KR, | KZ, | LA, | LC, | LK, | LR, | LS, | LT, | LU, | LY, | MA, | MD, | ME, | |
| | | MG, | MK, | MN, | MW, | MX, | MY, | MZ, | NA, | NG, | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | |
| | | PT, | RO, | RS, | RU, | SC, | SD, | SE, | SG, | SK, | SL, | SM, | SV, | SY, | TJ, | TM, | TN, | |
| | | TR, | TT, | TZ, | UA, | UG, | US, | UZ, | VC, | VN, | ZA, | ZM, | ZW | | | | | |
| | RW: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | HU, | ΙE, | |
| | | IS, | IT, | LT, | LU, | LV, | MC, | MT, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | BF, | |
| | | ВJ, | CF, | CG, | CI, | CM, | GA, | GN, | GQ, | GW, | ML, | MR, | NE, | SN, | TD, | TG, | BW, | |
| | | GH, | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, | AZ, | |
| | | BY, | KG, | KZ, | MD, | RU, | TJ, | TM | | | | | | | | | | |
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PRIO OTHER SOURCE(S): MARPAT 148:79048

AB Substituted 8H-pyrido[2,3-7]pyrimidin-7-one containing compds. of formula I and compns. containing compds. of formula I and their use in therapy as CSBP/RK/p38 kinase inhibitors is disclosed. Compds. of formula I wherein dashed line is an optional double bond; G1 and G2 are independently N; R1 is (un)substituted alkylamino(thio)carbonyl, (un)substituted alkoxy(thio)carbonyl, (un)substituted alkylamino, etc.; each R1' is independently halo, C1-4 (halo)alkyl, CN, NO2, SH and derivs., e tc.; R3 is (un) substituted C1-10 alkyl, (un) substituted C3-7 cycloalkyl, (un) substituted (hetero) aryl, etc; X is H, (un) substituted C1-10 alkyl, OH and derivs., SH and derivs., SOH and derivs., SO2 and derivs., etc.; n is 0, 1, 2, 3 and 4; and their pharmaceutically acceptable salts, solvates, and physiol. functional derivs. thereof, are claimed. Example compound II was prepared by a multistep procedure (procedure given). All the invention compds. were evaluated for their CSBP/RK/p38 kinase inhibitory activity (some data given).

911370-49-5P 911487-61-1P 911487-62-2P 911487-63-3P 911487-64-4P 911487-65-5P 911487-66-6P 911487-67-7P 911487-69-9P 911487-70-2P 911487-71-3P 911487-72-4P 911487-74-6P 911487-76-8P 911487-77-9P 911487-78-0P 911487-79-1P 911487-80-4P 911487-82-6P 911487-83-7P 911487-84-8P 911487-85-9P 911487-87-1P 911487-88-2P 911487-89-3P 911487-90-6P 911487-92-8P 911487-93-9P 911487-94-0P 911487-95-1P 911487-96-2P 911487-97-3P 911487-98-4P 911487-99-5P 911488-00-1P 911488-01-2P 911488-02-3P 911488-03-4P 911488-04-5P 911488-05-6P 911488-06-7P 911488-07-8P 911488-08-9P 911488-09-0P 911488-10-3P 911488-11-4P 911488-12-5P 911488-13-6P 911488-14-7P 911488-15-8P 911488-16-9P 911488-17-0P 911488-18-1P 911488-19-2P 911488-20-5P 911488-21-6P 911488-22-7P 911488-23-8P 911488-24-9P 911488-25-0P 911488-26-1P 911488-27-2P 911488-28-3P 911488-29-4P 911488-30-7P 911488-31-8P 911488-32-9P 911488-33-0P 911488-34-1P 911488-35-2P 911488-36-3P 911488-37-4P 911488-38-5P 911488-39-6P 911488-41-0P

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911490-35-2P 911490-36-3P 911490-37-4P
911490-38-5P 960358-49-0P 960358-50-3P
960358-53-6P 960358-55-8P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)
   (drug candidate; preparation of aminodihydropyridopyrimidinone derivs. as
   CSBP/RK/p38 kinase inhibitors useful in the treatment of diseases)
911370-49-5 CAPLUS
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Benzamide, N-cyclopropyl-3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)bethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-5-fluoro-4-methyl- (CA INDEX NAME)

- RN 911487-61-1 CAPLUS
- CN Benzamide, N-(cyclopropylmethyl)-3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4yl]-4-methyl- (CA INDEX NAME)

- RN 911487-62-2 CAPLUS
- CN Benzamide, N-(cyclopropylmethyl)-3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-(4-piperidinylamino)pyrido[2,3-d]pyrimidin-4-yl]-4-methyl- (CA INDEX NAME)

- RN 911487-63-3 CAPLUS
- CN Benzamide, N-(cyclopropylmethyl)-3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-[(2,2,6,6-tetramethyl-4-piperidinyl)amino]pyrido[2,3-d]pyrimidin-4-yl]-4-methyl- (CA INDEX NAME)

- RN 911487-64-4 CAPLUS
- CN Benzamide, N-(cyclopropylmethyl)-3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-(methylamino)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-(CA INDEX NAME)

- RN 911487-65-5 CAPLUS
- CN Benzamide, N-(cyclopropylmethyl)-3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(1H-imidazol-2-ylmethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-(CA INDEX NAME)

RN 911487-66-6 CAPLUS

CN Benzamide, 3-[2-[(2-aminoethyl)methylamino]-8-(2,6-difluorophenyl)-7,8dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(cyclopropylmethyl)-4-methyl-(CA INDEX NABE)

RN 911487-67-7 CAPLUS

CN 2-Thiophenecarboxamide, N-[3-[8-(2,6-difluoropheny1)-7,8-dihydro-7-oxo-2-(4-piperidinylamino)pyrido[2,3-d]pyrimidin-4-y1]-4-methylpheny1]- (CA INDEX NAME)

RN 911487-69-9 CAPLUS

CN 2-Thiophenecarboxamide, N-[3-[8-(2,6-difluoropheny1)-7,8-dihydro-7-oxo-2-[(2,2,6,6-tetramethy1-4-piperidiny1)amino]pyrido[2,3-d]pyrimidin-4-y1]-4-methylpheny1]- (CA INDEX NAME)

RN 911487-70-2 CAPLUS

CN 2-Thiophenecarboxamide, N-[3-[8-(2,6-difluoropheny1)-7,8-dihydro-2-[(1H-imidazol-2-ylmethy1)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]- (CA INDEX NAME)

RN 911487-71-3 CAPLUS

CN 2-Thiophenecarboxamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-(methylamino)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]- (CA INDEX NAME)

- RN 911487-72-4 CAPLUS
- CN Benzamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-(4-piperidinylamino)pyrido[2,3-d]pyrimidin-4-yl)-4-methylphenyl]-4-fluoro-3-methyl (CA INDEX NAME)

- RN 911487-74-6 CAPLUS
- CN 3-Pyridinecarboxamide, 6-chloro-N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-(4-piperidinylamino)pyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-(CA INDEX NAME)

- RN 911487-76-8 CAPLUS
- CN 3-Pyridinecarboxamide, 6-chloro-N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-[(2,2,6,6-tetramethyl-4-piperidinylamino]pyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]- (CA INDEX NAME)

- RN 911487-77-9 CAPLUS
- CN 3-Pyridinecarboxamide, 6-chloro-N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[1H-imidazol-2-ylmethyl)aminol-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]- (CA INDEX NAME)

- RN 911487-78-0 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(2-hydroxy-1-(hydroxymethyl)ethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(4-fluorophenyl)-4-methyl- (CA INDEX NAME)

- RN 911487-79-1 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluoropheny1)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl)amino]-7-0xopyrido[2,3-d]pyrimidin-4-y1]-4-methyl-N-(2-phenylethyl)- (CA INDEX NAME)

- RN 911487-80-4 CAPLUS
- CN Benzamide, N-cyclopropyl-3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-[(2,2,6,6-tetramethyl-4-piperidinyl)amino]pyrido[2,3-d]pyrimidin-4-yl]-4methyl- (CA INDEX NAME)

- RN 911487-82-6 CAPLUS
- CN Benzamide, N-cyclopropyl-3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(lH-imidazol-2-ylmethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-(CA INDEX NAME)

- RN 911487-83-7 CAPLUS
- CN Benzamide, N-cyclopropyl-3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-[[2-(propylamino)ethyl]amino]pyrido[2,3-d]pyrimidin-4-yl]-4-methyl- (CA INDEX NAME)

- RN 911487-84-8 CAPLUS
- CN Benzamide, N-cyclopropyl-3-[8-(2,6-difluorophenyl)-2-[[2-(dimethylamino)ethyl]maino]-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl- (CA INDEX NAME)

- RN 911487-85-9 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-[(2,2,6,6-tetramethyl-4-piperidinyl)amino]pyrido[2,3-d]pyrimidin-4-yl]-N-[2-(4-fluorophenyl)ethyl]-4-methyl- (CA INDEX NAME)

- RN 911487-87-1 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-[(2,2,6,6-tetramethyl-4-piperidinyl)aminolpyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(2-phenylethyl)- (CA INDEX NAME)

- RN 911487-88-2 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-(methylamino)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(2phenylethyl)- (CA INDEX NAME)

- RN 911487-89-3 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(1H-imidazol-2-yhethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(2-phenylethyl)- (CA INDEX NAME)

- RN 911487-90-6 CAPLUS
- CN 3-Thiophenecarboxamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-[2,2,6,6-tetramethyl-4-piperidinyl)amino]pyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]- (CA INDEX NAME)

- RN 911487-92-8 CAPLUS
- CN Benzamide, 3-[2-[(2-aminoethyl)methylamino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(4-fluorophenyl)-4-methyl-(CA INDEX NAME)

- RN 911487-93-9 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-2-[[3-(dimethylamino)propyl]methylami no]-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(1methylethyl)- (CA INDEX NAME)

- RN 911487-94-0 CAPLUS
- CN 3-Thiophenecarboxamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]- (CA INDEX NAME)

- RN 911487-95-1 CAPLUS
- CN Benzamide, N-cyclopropyl-3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl (CA INDEX NAME)

- RN 911487-96-2 CAPLUS
- CN 3-Isoquinolinecarboxamide, N-[3-[8-(2,6-difluoropheny1)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-y1]-4-methylphenyl]- (CA INDEX NAME)

RN 911487-97-3 CAPLUS

CN 3-Isoquinolinecarboxamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 911487-96-2

CMF C33 H26 F2 N6 O4

CM

CRN 76-05-1 CMF C2 H F3 O2

RN 911487-98-4 CAPLUS

CN 3-Pyridinecarboxamide, 6-chloro-N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4yl]-4-methylphenyl]- (CA INDEX NAME)

RN 911487-99-5 CAPLUS

CN 3-Pyridinecarboxamide, 6-chloro-N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimiddin-4-yl-4-methylphenyl]-, 2,2-trifluoroacetate (1:1) (CA INDEX NABL)

CM :

CRN 911487-98-4 CMF C29 H23 C1 F2 N6 O4

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-00-1 CAPLUS

 ${\tt CN-1-Naphthalenecarboxamide, N-[3-[8-(2,6-difluoropheny1)-7,8-dihydro-2-[[2-difluoropheny2]-7,8-dihydro-2-[2-difluoropheny2]-7,8-difluoroph$

 $\label{local-equation} $$ \displaystyle \frac{hydroxy-1-(hydroxymethy1)ethy1]amino]-7-oxopyrido[2,3-d]pyrimidin-4-y1]-4-methylpheny1]-2-hydroxy- (CA INDEX NAME) $$$

RN 911488-01-2 CAPLUS CN 1-Naphthalenecarbox

1-Naphthalenecarboxamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-2-hydroxy-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM

CRN 911488-00-1 CMF C34 H27 F2 N5 O5

CM 2

10/ 511,770

RN 911488-02-3 CAPLUS

CN 1-Naphthalenecarboxamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-4-fluoro- (CA INDEX NAME)

RN 911488-03-4 CAPLUS

CN 1-Naphthalenecarboxamide, N-[3-[8-(2,6-difluoropheny])-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethy])etp]]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-4-fluoro-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAFE)

CM

CRN 911488-02-3 CMF C34 H26 F3 N5 O4

CM :

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-04-5 CAPLUS

CN 2-Pyrazinecarboxamide, N-[3-[8-(2,6-difluoropheny1)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethy1)ethy1)amino]-7-oxopyrido[2,3-d]pyrimidin-4-y1]-4-methy1pheny1]-5-methy1- (CA INDEX NAME)

RN 911488-05-6 CAPLUS

 ${\tt CN-2-Pyrazine carboxamide,\ N-[3-[8-(2,6-difluor opheny 1)-7,8-dihydro-2-[[2-1]])}\\$

hydroxy-1-(hydroxymethy1)ethy1]amino]-7-oxopyrido[2,3-d]pyrimidin-4-y1]-4-methylpheny1]-5-methyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 911488-04-5

CMF C29 H25 F2 N7 O4

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-06-7 CAPLUS

CN 1H-Indole-5-carboxamide, N-{3-[8-(2,6-difluoropheny1)-7,8-dihydro-2-[{2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]- (CA INDEX NAME)

RN 911488-07-8 CAPLUS
CN 1H-Indole-5-carboxamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM

CRN 911488-06-7 CMF C32 H26 F2 N6 O4

CM :

RN 911488-08-9 CAPLUS

CN Benzamide, 3-amino-N-[3-[8-(2,6-difluoropheny1)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]- (CA INDEX NAME)

RN 911488-09-0 CAPLUS

Benzamide, 3-amino-N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM

CN

H₂N

CRN 911488-08-9 CMF C30 H26 F2 N6 O4

CM :

RN 911488-10-3 CAPLUS

CN 1H-Indole-7-carboxamide, N-[3-[8-(2,6-difluoropheny1)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethy1)ethy1]amino]-7-oxopyrido[2,3-d]pyrimidin-4-y1]-4-methy1pheny1]- (CA INDEX NAME)

RN 911488-11-4 CAPLUS

CN 1H-Indole-7-carboxamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1 CRN 911488-10-3

CMF C32 H26 F2 N6 O4

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-12-5 CAPLUS

CN Benzeneacetamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-3-methyl- (CA INDEX NAME)

RN 911488-13-6 CAPLUS

CN Benzeneacetamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-3-methyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 911488-12-5 CMF C32 H29 F2 N5 O4

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-14-7 CAPLUS

CN Benzamide, N=[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]aminol-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-3,4-dimethyl- (CA INDEX NAME)

RN

CN Benzamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino|-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-3,4-dimethyl-,2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 911488-14-7 CMF C32 H29 F2 N5 O4

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-16-9 CAPLUS

CN Benzamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-3-fluoro-4-methyl- (CA INDEX NAME)

RN 911488-17-0 CAPLUS CN

Benzamide, N=[3=[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4methylphenyl]-3-fluoro-4-methyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 911488-16-9 CMF C31 H26 F3 N5 O4

CM

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-18-1 CAPLUS CN Benzamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-dlpyrimidin-4-yl]-4-methylphenyl]-3,9-dihydroxy-4-methyl- (CA INDEX NAME)

- RN 911488-19-2 CAPLUS
- CN Benzamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-3,5-dihydroxy-4-methyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)
 - CM

1

CRN 911488-18-1 CMF C31 H27 F2 N5 O6

CM 2

RN 911488-20-5 CAPLUS

CN Benzeneacetamide, N-[3-[8-(2,6-difluoropheny1)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-y1]-4-methylphenyl]-2,3-difluoro- (CA INDEX NAME)

RN 911488-21-6 CAPLUS CN Benzeneacetamide, N

Benzeneacetamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-2,3-difluoro-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM

CRN 911488-20-5 CMF C31 H25 F4 N5 O4

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-22-7 CAPLUS

CN Benzeneacetamide, N=[3-[8-(2,6-difluoropheny1)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxyenthyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-y1]-4-methylphenyl]-3,5-difluoro- (CA INDEX NAME)

RN 911488-23-8 CAPLUS

CN

CM

Benzeneacetamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-3,5-difluoro-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CRN 911488-22-7

CMF C31 H25 F4 N5 O4

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-24-9 CAPLUS

CN 1H-Imidazole-4-carboxamide, N-[3-{8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-1-methyl- (CA INDEX NAME)

RN 911488-25-0 CAPLUS

CN 1H-Imidazole-4-carboxamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxyr-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-1-methyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM :

CRN 911488-24-9 CMF C28 H25 F2 N7 O4

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-26-1 CAPLUS

CN Butanoic acid, 4-[[3-[[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]amino]-3-oxopropyl]amino]-4-oxo- (CA INDEX NAME)

RN 911488-27-2 CAPLUS

CN Butanoic acid, 4-[[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]amino]-3-oxopyropyl]amino]-4-oxo-, 2,2,2-trifluoroacetate

(1:1) (CA INDEX NAME)

CM 1

CRN 911488-26-1

CMF C30 H30 F2 N6 O7

CM

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-28-3 CAPLUS

CN 1H-Pyrazole-3-carboxamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]- (CA INDEX NAME)

RN 911488-29-4 CAPLUS

CN 1H-Pyrazole-3-carboxamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 911488-28-3 CMF C27 H23 F2 N7 O4

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-30-7 CAPLUS

CN 2-Thiophenecarboxamide, N-[3-|8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]- (CA INDEX NAME)

RN 911488-31-8 CAPLUS

CN 2-Thiophenecarboxamide, N-[3-|8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM

CRN 911488-30-7 CMF C28 H23 F2 N5 O4 S

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-32-9 CAPLUS

 $\texttt{CN} \quad \texttt{Acetamide, N-[3-[8-(2,6-difluoropheny1)-7,8-dihydro-2-[[2-hydroxy-1-4]]]} \\$

(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-2-(2,2,2-trifluoroethoxy)- (CA INDEX NAME)

RN 911488-33-0 CAPLUS

Acetamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-2-(2,2,2-trifluoroethoxy)-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM

CN

CRN 911488-32-9 CMF C27 H24 F5 N5 O5

CM :

RN 911488-34-1 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-(methylamino)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-propyl- (CA INDEX NAME)

RN 911488-35-2 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-(methylamino)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(1-methylethyl)- (CA INDEX NAME)

RN 911488-36-3 CAPLUS

CN Benzamide, N-cyclopentyl-3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-(methylamino)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl- (CA INDEX NAME)

- RN 911488-37-4 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-(methylamino)ethyl]maino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(phenylmethyl)- (CA INDEX NAME)

- RN 911488-38-5 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-(methylamino)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(4fluorophenyl)-4-methyl- (CA INDEX NAME)

- RN 911488-39-6 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluoropheny1)-7,8-dihydro-2-[[2-(methylamino)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-y1]-4-methyl-N-2thiazoly1- (CA INDEX NAME)

RN 91148-41-0 CAPLUS
CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-[(2,2,6,6-tetramethyl-4-piperiddinyl)amino]pyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(1-methylethyl)- (CA INDEX NAME)

- RN 911488-42-1 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-[(2,2,6,6-tetramethyl-4-piperidinyl)amino]pyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-propyl- (CA INDEX NAME)

- RN 911488-43-2 CAPLUS
- CN Benzamide, N-cyclopentyl-3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-[(2,2,6,6-tetramethyl-4-piperidinyl)amino]pyrido[2,3-d]pyrimidin-4-yl]-4methyl- (CA INDEX NAME)

- RN 911488-44-3 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-[(2,2,6,6-tetramethyl-4-piperidinyl)amino]pyrido(2,3-d]pyrimidin-4-yl]-4-methyl-N-(phenylmethyl)- (CA INDEX NAME)

- RN
- 911488-45-4 CAPLUS Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-[(2,2,6,6-CN tetramethyl-4-piperidinyl)aminolpyrido[2,3-d]pyrimidin-4-yl)-N-(4-fluorophenyl)-4-methyl- (CA INDEX NAME)

- RN 911488-46-5 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-[(2,2,6,6tetramethyl-4-piperidinyl)amino]pyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-2thiazolyl- (CA INDEX NAME)

- RN 911488-53-4 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(lH-imidazol-2-ylmethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(1-methylethyl)- (CA INDEX NAME)

- RN 911488-54-5 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(1H-imidazol-2-ylmethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-propyl- (CA INDEX NAME)

- RN 911488-55-6 CAPLUS
- CN Benzamide, N-cyclopentyl-3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(1H-imidazol-2-ylmethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-(CA INDEX NAME)

- RN 911488-56-7 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(1H-imidazol-2-ylmethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(phenylmethyl)- (CA INDEX NAME)

RN 911488-57-8 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(lH-imidazol-2-ylmethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(4-fluorophenyl)-4-methyl- (CA INDEX NAME)

RN 911488-58-9 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(1H-imidazol-2-ylmethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-2-thiazolyl-(CA INDEX NAME)

- RN 911488-59-0 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-propyl- (CA INDEX NAME)

RN 911488-60-3 CAPLUS

1

- CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-propyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)
 - CM
 - CRN 911488-59-0
 - CMF C27 H27 F2 N5 O4

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-61-4 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]maino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(1-methylethyl)- (CA INDEX NAME)

RN 911488-62-5 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(1-methylethyl)-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 911488-61-4 CMF C27 H27 F2 N5 O4

CM 2

CRN 76-05-1 CMF C2 H F3 O2

CN

RN 911488-63-6 CAPLUS

Benzamide, N-cyclobuty1-3-[8-(2,6-difluoropheny1)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethy1)ethy1]amino]-7-oxopyrido[2,3-d]pyrimidin-4-y1]-4-methy1- (CA INDEX NAME)

RN 911488-64-7 CAPLUS

Benzamide, N-cyclobutyl-3-(8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]aminol-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM

CN

CRN 911488-63-6 CMF C28 H27 F2 N5 O4

CM 2

RN 911488-65-8 CAPLUS

CN Benzamide, N-cyclopentyl-3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl- (CA INDEX NAME)

RN 911488-66-9 CAPLUS

CN Benzamide, N-cyclopentyl-3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl)aminol-7-cxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM

CRN 911488-65-8 CMF C29 H29 F2 N5 O4

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-67-0 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1 (hydroxymethyl)ethyl]maino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(4fluorophenyl)-4-methyl-, 2,2,2-trifluoroacetate (1:1) (CA IMDEX NAME)

CM 1

CRN 911487-78-0 CMF C30 H24 F3 N5 O4

CM 2

CRN 76-05-1 CMF C2 H F3 O2

CN

RN 911488-68-1 CAPLUS

 $\label{eq:benzamide} $$ Benzamide, 3-[8-(2,6-difluoropheny1)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethy1)ethy1]amino]-7-oxopyrido[2,3-d]pyrimidin-4-y1]-4-methy1-N-2-thiazoly1-(CA INDEX NAME)$

RN 911488-69-2 CAPLUS CN Benzamide, 3-[8-(2,6

Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidian-4-yl]-4-methyl-N-2-thiazolyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM

CRN 911488-68-1 CMF C27 H22 F2 N6 O4 S

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-70-5 CAPLUS

CN Benzamide, N-cyclopropy1-3-[8-(2,6-difluoropheny1)-7,8-dihydro-2-[[2-

CM

CRN 911487-95-1

CMF C27 H25 F2 N5 O4

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-71-6 CAPLUS

CN Benzamide, N-(cyclopropylmethyl)-3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4yl]-4-methyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 911487-61-1

CMF C28 H27 F2 N5 O4

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-72-7 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[[2-hydroxy-1-hydroxymethyl]ethyl]amino[-4-[2-methyl-5-(4-morpholinylcarbonyl)phenyl]-(CA INDEX NAME)

RN 911488-73-8 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl)amino]-4-[2-methyl-5-(4-morpholinylcarbonyl)phenyl]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 911488-72-7 CMF C28 H27 F2 N5 O5

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-74-9 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-heptyl-4-methyl- (CA INDEX NAME)

RN 911488-75-0 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-heptyl-4-

methyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 911488-74-9

CMF C31 H35 F2 N5 O4

CM

CRN 76-05-1

CMF C2 H F3 O2

RN 911488-77-2 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino|7-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(3-pyridinylmethyl)- (CA INDEX NAME)

HO-CH₂
HO-CH₂-CH-NH
N
Me

CH₂-NH-C

RN 911488-78-3 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(3-pyridinylmethyl)-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 911488-77-2 CMF C30 H26 F2 N6 O4

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-79-4 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(3-phenylpropyl)- (CA INDEX NAME)

RN 911488-80-7 CAPLUS CN Benzamide, 3-[8-(2,6

Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(3-phenylpropyl)-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM

CRN 911488-79-4 CMF C33 H31 F2 N5 O4

CM 2

RN 911488-81-8 CAPLUS

1

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]maino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(2-phenylethyl)-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM

CRN 911487-79-1

CMF C32 H29 F2 N5 O4

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-82-9 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(phenylmethyl)- (CA INDEX NAME)

RN 911488-83-0 CAPLUS
Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(phenylmethyl)-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM

CRN 911488-82-9 CMF C31 H27 F2 N5 O4

CM 2

RN 911488-84-1 CAPLUS

CN Carbamic acid, N-[2-[[8-(2,6-difluorophenyl)-4-[5-[[(4-

fluorophenyl)amino]carbonyl]-2-methylphenyl]-7,8-dihydro-7-oxopyrido[2,3d]pyrimidin-2-yl]amino]ethyl]-N-methyl-, 1,1-dimethylethyl ester (CA INDEX NAME)

911488-89-6 CAPLUS Benzoic acid, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(1H-imidazol-2-CN ylmethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-y1]-4-methyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM

CRN 911488-88-5

CMF C25 H18 F2 N6 O3

CM

RN 911488-90-9 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-2-[[2-(dimethylamino)ethyl]methylamino)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(4-fluorophenyl)-4-methyl- (CA INDEX NAME)

RN 911488-91-0 CAPLUS CN Benzamide, 3-[8-(2,

Benzamide, 3-[8-(2,6-difluorophenyl)-2-[[2-(dimethylamino)ethyl]methylamino]-7,8-dihydro-7-oxopyido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(1-methylethyl)- (CA INDEX NAME)

RN 911488-92-1 CAPLUS

CN Benzamide, 3-[8-(2,6-difilorophenyl)-7,8-dihydro-2-[[3-[(1-methylethyl)amino]propyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-2-thiazolyl- (CA INDEX NAME)

- RN 911488-93-2 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-2-[[3-[(1,1-dimethyleathyl)aminol)-ropyl]aminol-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-2-thiazolyl- (CA INDEX NAME)

- RN 911488-94-3 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-[(1-methylethyl)amino]ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-2-thiazolyl- (CA INDEX NAME)

- RN 911488-95-4 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-2-[[3-(dimethylamino)propyl]methylamino]-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-propyl- (CA INDEX NAME)

- RN 911488-96-5 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-2-[[2-(dimethylamino)ethyl]amino]-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-propyl- (CA INDEX NAME)

- RN 911488-97-6 CAPLUS
- CN Carbamic acid, N-[2-[8-(2,6-difluorophenyl)-7,8-dihydro-4-[2-methyl-5-[(propylamino)carbonyl]phenyl]-7-oxopyrido[2,3-d]pyrimidin-2-yllamino]ethyl]-N-methyl-, 1,1-dimethylethyl ester (CA INDEX NAME)

- RN 911488-98-7 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-2-[[3-(dimethylamino)propyl]methylamino]-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-2-thiazolyl-(CA INDEX NAME)

- RN 911489-00-4 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-2-[[2-(dimethylamino)ethyl]amino]-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-2-thiazolyl- (CA INDEX NAME)

RN 911489-01-5 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(5-amino-2-methylphenyl)-8-(2,6difluorophenyl)-2-[(2,2,6,6-tetramethyl-4-piperidinyl)amino]- (CA INDEX NAME)

RN 911489-02-6 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(5-amino-2-methylphenyl)-8-(2,6-difluorophenyl)-2-(4-piperidinylamino)- (CA INDEX NAME)

RN 911489-03-7 CAPLUS

 ${\tt CN-Benzamide,\ 3-[8-(2,6-difluoropheny1)-2-[[2-(dimethylamino)ethyl]amino]-7,8-1}$

 $\begin{array}{l} {\tt dihydro-7-oxopyrido[2,3-d]pyrimidin-4-y1]-N-(4-fluoropheny1)-4-methyl-(CA INDEX NAME)} \end{array}$

- RN 911489-06-0 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-2-[[3-(dimethylamino)propyl]methylamino]-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(4-fluorophenyl)-4-methyl- (CA INDEX NAME)

- RN 911489-07-1 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-2-[[2-(dimethylamino)ethyl]amino]-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(1-methylethyl)- (CA INDEX NAME)

- RN 911489-08-2 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(1-methylethyl)- (CA INDEX NAME)

- RN 911489-09-3 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N,4-dimethyl- (CA INDEX NAME)

- RN 911489-10-6 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N,N,4-trimethyl- (CA INDEX NAME)

- RN 911489-11-7 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dhydro-7-oxopyrido[2,3-dlpyrimidin-4-yl]-N-[2-hydroxy-1-(hydroxymethyl]-4-methyl- (CA INDEX NAME)

- RN 911489-12-8 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-propyl- (CA INDEX NAME)

- RN 911489-13-9 CAPLUS
- CN Benzamide, N-butyl-3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-(CA INDEX NAME)

- RN 911489-14-0 CAPLUS CN Benzamide, 3-[2-[[3-
 - N Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(2-methylpropyl)-(CA INDEX NAME)

- RN 911489-15-1 CAPLUS
- CN Benzamide, N-cyclopenty1-3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-y1]-4-methyl-(CA INDEX NAME)

- RN 911489-16-2 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(1,1-dimethylethyl)-4-methyl-(CA INDEX NAME)

- RN 911489-17-3 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(2,2-dimethylpropyl)-4-methyl-(CA INDEX NAME)

- RN 911489-18-4 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

- RN 911489-19-5 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-ethyl-4-methyl- (CA INDEX NAME)

- RN 911489-20-8 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-[(1R)-1,2-dimethylpropyl]-4-methyl- (CA INDEX NAME)

Absolute stereochemistry.

- RN 911489-21-9 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-[(18)-1,2-dimethylpropyl]-4-methyl- (CA INDEX NAME)

Absolute stereochemistry.

RN 911489-23-1 CAPLUS

CN Benzamide, N-(cyclopentylmethyl)-3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM

CRN 911489-22-0 CMF C34 H40 F2 N6 O2

CM 2

RN 911489-25-3 CAPLUS

CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(2-fluoroethyl)-4-methyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM :

CRN 911489-24-2 CMF C30 H33 F3 N6 O2

CM 2

CRN 76-05-1 CMF C2 H F3 O2

CN

RN 911489-27-5 CAPLUS

Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(2-methoxyethyl)-4-methyl-,2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 911489-26-4 CMF C31 H36 F2 N6 O3

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911489-29-7 CAPLUS CN

Benzamide, N-(cyclohexylmethyl)-3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4methyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM

CRN 911489-28-6 CMF C35 H42 F2 N6 O2

10/ 511,770

CM 2

CRN 76-05-1 CMF C2 H F3 O2

CN

RN 911489-31-1 CAPLUS

Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidini-4-yl]-4-methyl-1-8,[(5-methyl-2-furanyl)methyl]-,2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 911489-30-0 CMF C34 H36 F2 N6 O3

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911489-33-3 CAPLUS

I Benzamide, N-cyclobutyl-3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-xopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-,2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 911489-32-2 CMF C32 H36 F2 N6 O2

CM

CRN 76-05-1 CMF C2 H F3 O2

CN

RN 911489-35-5 CAPLUS

Benzamide, N-(cyclopropylmethyl)-3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 911489-34-4 CMF C32 H36 F2 N6 O2

CRN 76-05-1 CMF C2 H F3 O2

RN 911489-37-7 CAPLUS

CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-dlpyrimidin-4-yl]-4-methyl-N-(2-thienylmethyl)-,2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM

CRN 911489-36-6

CMF C33 H34 F2 N6 O2 S

CRN 76-05-1 CMF C2 H F3 O2

RN 911489-39-9 CAPLUS CN Benzamide, 3-12-113

Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N,N-diethyl-4-methyl-,2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM I

CRN 911489-38-8 CMF C32 H38 F2 N6 O2

$$\mathtt{Et}_{2}\mathtt{N}-(\mathtt{CH}_{2})_{3}-\mathtt{NH} \\ \mathtt{N} \\ \mathtt{N} \\ \mathtt{N} \\ \mathtt{Me} \\ \mathtt{Et}_{2}\mathtt{N}-\mathtt{C}$$

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911489-41-3 CAPLUS

N Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-[(tetrahydro-2H-pyran-4-yl)methyl]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CRN 911489-40-2 CMF C34 H40 F2 N6 O3

CM :

CRN 76-05-1 CMF C2 H F3 O2

RN 911489-43-5 CAPLUS

CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-[(tetrahydro-2-furanyl)methyl]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 911489-42-4 CMF C33 H38 F2 N6 O3

CRN 76-05-1 CMF C2 H F3 O2

RN 911489-44-6 CAPLUS

CN Benzamide, N-cyclohexyl-3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-(CA INDEX NAME)

RN 911489-45-7 CAPLUS

CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dlhydro-7-oxopyrido[2,3-d]pyrimidin-4-y1]-N-[2-(ethylthio)ethyl]-4-methyl-(CA INDEX NAME)

- RN 911489-46-8 CAPLUS
- CN Benzamide, N-(2-cyanoethy1)-3-[2-[[3-(diethylamino)propy1]amino]-8-(2,6-difluoropheny1)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-y1]-4-methy1-(CA INDEX NAME)

- RN 911489-47-9 CAPLUS
- CN Benzamide, 3-[2-[[3-(disthylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-diydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-[2-(IH-imidazol-5-yl)ethyl]-4-methyl- (CA INDEX NAME)

- RN 911489-48-0 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-phenyl- (CA INDEX NAME)

- RN 911489-49-1 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-[(1R)-1-phenylethyl]-(CA INDEX NAME)

Absolute stereochemistry.

RN 911489-50-4 CAPLUS

CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-[(15)-1-phenylethyl]-(CA INDEX NAME)

Absolute stereochemistry.

RN 911489-51-5 CAPLUS

CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-2-methyl-N-2-thiazolyl- (CA INDEX NAME)

- RN 911489-52-6 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-2-methyl-N-phenyl- (CA INDEX NAME)

- RN 911489-53-7 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(4-fluorophenyl)-2-methyl-(CA INDEX NAME)

- RN 911489-54-8 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-2-methyl-N-propyl- (CA INDEX NAME)

- RN 911489-55-9 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dhydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-2-methyl-N-(2-methylpropyl)-(CA INDEX NAME)

- RN 911489-56-0 CAPLUS
- CN Benzamide, N-cyclopropyl-3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-2-methyl-(CA INDEX NAME)

- RN 911489-57-1 CAPLUS
- CN Benzamide, N-(cyanomethyl)-3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-2-methyl-(CA INDEX NAME)

RN 911489-58-2 CAPLUS
Benzamide, N-(2-amino-2-oxoethyl)-3-[2-[[3-(diethylamino)propyl]amino]-8(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4methyl- (CA INDEX NAME)

- RN 911489-59-3 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-[2-(methylamino)-2oxoethyl]- (CA INDEX NAME)

RN 911489-60-6 CAPLUS CN Benzamide, 3-[2-[[3:

Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-3-pyridinyl- (CA INDEX NAME)

RN 911489-61-7 CAPLUS

CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(4-fluorophenyl)-4-methyl-(CA INDEX NAME)

- RN 911489-62-8 CAPLUS
- CN Benzamide, N-cyclopropy1-3-[2-[[3-(diethylamino)propy1]amino]-8-(2,6-difluoropheny1)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-y1]-4-methyl-(CA INDEX NAME)

- RN 911489-63-9 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(1-methylpropyl)-(CA INDEX NAME)

- RN 911489-83-3 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dlhydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-5-fluoro-4-methyl-N-(1-methylethyl)- (CA INDEX NAME)

- RN 911489-84-4 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dhydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-5-fluoro-N,4-dimethyl- (CA INDEX NAME)

- RN 911489-85-5 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-5-fluoro-4-methyl-N-propyl- (CA INDEX NAME)

- RN 911489-86-6 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino]propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-5-fluoro-N-(4-fluorophenyl)-4-methyl- (CA INDEX NAME)

- RN 911489-87-7 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-5-fluoro-4-methyl-N-2-thiazolyl-(CA INDEX NAME)

- RN 911489-88-8 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-5-fluoro-4-methyl-N-phenyl- (CA INDEX NAME)

- RN 911489-89-9 CAPLUS
- CN Benzamide, N-cyclopropyl-3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-5-fluoro-4-methyl- (CA INDEX NAME)

- RN 911489-90-2 CAPLUS
- CN Benzamide, N-cyclopentyl-3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-5-fluoro-4-methyl- (CA INDEX NAME)

- RN 911489-91-3 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(1,1-dimethylethyl)-5-fluoro-4-methyl- (CA INDEX NAME)

- RN 911489-92-4 CAPLUS
- CN Benzamide, 4-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-propyl- (CA INDEX NAME)

- RN 911489-93-5 CAPLUS
- CN Benzamide, 4-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(1-methylethyl)- (CA INDEX
 NAME)

- RN 911489-94-6 CAPLUS
- CN Benzamide, N-cyclopropyl-4-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]- (CA INDEX NAME)

RN 911489-95-7 CAPLUS
CN Benzamide, 4-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(4-fluorophenyl)- (CA INDEX NAME)

PAGE 1-A

PAGE 2-A

F

- RN 911489-96-8 CAPLUS
- CN Benzamide, 4-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-2-thiazolyl- (CA INDEX NAME)

- RN 911489-97-9 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-methyl- (CA INDEX NAME)

- RN 911489-98-0 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-propyl- (CA INDEX NAME)

- RN 911489-99-1 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(1-methylethyl)- (CA INDEX NAME)

- RN 911490-00-1 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(4-fluorophenyl)- (CA INDEX NAME)

- RN 911490-01-2 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-2-thiazolyl- (CA INDEX NAME)

- RN 911490-02-3 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-phenyl- (CA INDEX NAME)

- RN 911490-03-4 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(1,1-dimethylethyl)- (CA INDEX NAME)

- RN 911490-04-5 CAPLUS
- CN Benzamide, N-cyclopentyl-3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]- (CA INDEX NAME)

- RN 911490-05-6 CAPLUS
- CN Benzamide, N-cyclopropyl-3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]- (CA INDEX NAME)

- RN 911490-06-7 CAPLUS
- CN Carbamic acid, N-[2-[[8-(2,6-difluoropheny1)-7,8-dihydro-4-[2-methy1-5-[(2-phenylethyl)amino|carbonyl]phenyl]-7-oxopyrido[2,3-d]pyrimidin-2yl]amino|ethyl]-N-methyl-, 1,1-dimethylethyl setter (CA INDEX NAME)

- RN 911490-22-7 CAPLUS
- CN 3-Thiophenecarboxamide, N-[3-[8-(2,6-difluoropheny1)-7,8-dihydro-7-oxo-2-[(2,2,6,6-tetramethy1-4-piperidiny1)amino]pyrido[2,3-d]pyrimidin-4-y1]-4methylpheny1]-, hydrochloride (1:1) (CA INDEX NAME)

● HCl

RN 911490-23-8 CAPLUS

CN 3-Thiophenecarboxamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-[(2,2,6,6-tetramethyl-4-piperidinyl)amino|pyrido[2,3-d|pyrimidin-4-yl]-4methylphenyl]-, 4-methylbenzenesulfonate (1:1) (CA INDEX NAME)

CM

CRN 911487-90-6

CMF C34 H34 F2 N6 O2 S

CM

CRN 104-15-4 CMF C7 H8 O3 S

RN 911490-24-9 CAPLUS

CN 3-Thiophenecarboxamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-[(2,2,6,6-tetramethyl-4-piperidinyl)amino]pyrido[2,3-d]pyrimidin-4-yl]-4methylphenyl]-, methanesulfonate (1:1) (CA INDEX NAME)

CM

CRN 911487-90-6 CMF C34 H34 F2 N6 O2 S

CM 2

CRN 75-75-2 CMF C H4 03 S

CN

RN 911490-30-7 CAPLUS

Benzamide, 3=[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(]H-imidazol-2ylmethyl)amino]-7-oxopyrido([2,3-d]pyrimidin-4-yl]-4-methyl-N-2-thiazolyl-, methanesulfonate (1:1) (CA INDEX NAME)

CM 1

CRN 911488-58-9 CMF C28 H20 F2 N8 O2 S

CRN 75-75-2 CMF C H4 O3 S

RN 911490-31-8 CAPLUS CN Benzamide, 3-[8-(2,6

Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(1H-imidazol-2-ylmethyl)aminol-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-2-thiazolyl-,4-methylbenzenesulfonate (1:1) (CA INDEX NAME)

CM

CRN 911488-58-9 CMF C28 H20 F2 N8 O2 S

CRN 104-15-4 CMF C7 H8 O3 S

RN 911490-32-9 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(1H-imidazol-2-ylmethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-2-thiazolyl-, hydrochloride (1:1) (CA INDEX NAME)

● HCl

RN 911490-33-0 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(1H-imidazol-2-ylmethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-2-thiazolyl-, sulfate (1:1) (CA INDEX NAME)

CM 1

CRN 911488-58-9

CMF C28 H20 F2 N8 O2 S

CRN 7664-93-9 CMF H2 O4 S

RN 911490-34-1 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(1H-imidazol-2-ylmethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-2-thiazolyl-, hydrobromide (1:1) (CA INDEX NAME)

• HBr

RN 911490-35-2 CAPLUS

 $\begin{array}{lll} \hbox{CN} & \hbox{Benzamide, 3-[8-(2,6-difluoropheny1)-7,8-dihydro-2-[(1H-imidazol-2-ylmethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-2-thiazolyl-,} \end{array}$

2-hydroxy-1,2,3-propanetricarboxylate (1:1) (CA INDEX NAME)

CM 1

CRN 911488-58-9

CMF C28 H20 F2 N8 O2 S

CM 2

CRN 77-92-9 CMF C6 H8 O7

 $\begin{array}{c} {\rm CO_2H} \\ {\rm HO_2C-CH_2-C-CH_2-CO_2H} \\ {\rm OH} \end{array}$

RN 911490-36-3 CAPLUS

Ethanesulfonic acid, compd. with 3-[8-(2,6-difluoropheny1)-7,8-dihydro-2-[(1H-inidazol-2-ylmethyl)amino]-7-oxopyridol(2,3-d]pyrimidin-4-yl]-4-methyl-N-2-thiazolylbenzamide (1:1) (CA INDEX NAME)

CM 1

CN

CRN 911488-58-9 CMF C28 H20 F2 N8 O2 S

CRN 594-45-6 CMF C2 H6 O3 S

RN 911490-37-4 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(lH-imidazol-2-ylmethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-2-thiazolyl-, benzenesulfonate (1:1) (CA INDEX NAME)

CM

CRN 911488-58-9 CMF C28 H20 F2 N8 O2 S

CRN 98-11-3 CMF C6 H6 O3 S

RN 911490-38-5 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(1H-imidazol-2-ylmethyl)amino]-7-oxopyridol[2,3-d]pyrimidin-4-yl]-4-methyl-N-2-thiazolyl-, (2E)-2-butenedioate (1:1) (CA INDEX NAME)

CM

CRN 911488-58-9 CMF C28 H20 F2 N8 O2 S

CM 2

CRN 110-17-8 CMF C4 H4 O4

Double bond geometry as shown.

RN 960358-49-0 CAPLUS

Benzoic acid, 3-[8-(2,4-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-(CA INDEX NAME)

- RN 960358-50-3 CAPLUS
- CN Acetamide, N-[3-[8-(2,4-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl)ethyl]aminol-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]- (CA INDEX NAME)

- RN 960358-53-6 CAPLUS
- CN 3-Thiophenecarboxamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-[(2,2,6,6-tetramethyl-4-piperidinyl)amino]pyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-, hydrobromide (1:1) (CA INDEX NAME)

• HBr

RN 960358-55-8 CAPLUS

CN 3-Thiophenecarboxamide, N-[3-[8-(2,6-difluoropheny1)-7,8-dihydro-7-oxo-2-(2,2,6,6-tetramethyl-4-piperidinyl)aminojpyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-, sulfate (1:1) (CA INDEX NAME)

CM :

CRN 911487-90-6

CMF C34 H34 F2 N6 O2 S

CM

CRN 7664-93-9 CMF H2 O4 S

IT 911370-53-1P 911370-55-3P 911370-57-5P

911370-58-6P 911490-46-5P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(intermediate; preparation of aminodihydropyridopyrimidinone derivs. as CSBP/RK/p38 kinase inhibitors useful in the treatment of diseases)

RN 911370-53-1 CAPLUS CN Benzoic acid, 3-12-

Benzoic acid, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-2-methyl- (CA INDEX NAME)

RN 911370-55-3 CAPLUS

Benzoic acid, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-5-fluoro-4-methyl-1,1-dimethylethyl ester, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM

CN

CRN 911370-54-2

CMF C32 H36 F3 N5 O3

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911370-57-5 CAPLUS

CN Benzoic acid, 4-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]- (CA INDEX NAME)

RN 911370-58-6 CAPLUS

CN Benzoic acid, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]- (CA INDEX NAME)

RN 911490-46-5 CAPLUS CN Benzoic acid, 3-[2-

Benzoic acid, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-5-fluoro-4-methyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 911490-45-4 CMF C28 H28 F3 N5 O3

CM 2

CRN 76-05-1 CMF C2 H F3 O2

IT 911490-60-3P 960358-68-3P 960358-70-7P RL: PRPH (Prophetic); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (prophetic intermediate; preparation of aminodihydropyridopyrimidinone derivs. as CSBP/RK/p38 kinase inhibitors useful in the treatment of diseases)

RN 911490-60-3 CAPLUS

CN Benzoic acid, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-(CA INDEX NAME)

RN 960358-68-3 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[[4-[5-[[(cyclopropylmethyl)amino]carbonyl]-2-methylphenyl]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]-, 1,1-dimethylethyl ester (CA INDEX NAME)

RN 960358-70-7 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(5-amino-2-methylphenyl)-8-(2,6-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]- (CA INDEX NAME)

L3 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2007:564545 CAPLUS

DOCUMENT NUMBER: 147:9939

TITLE: Novel process of making pyridopyrimidinone-6carboxylic acid derivatives and their use in the

treatment of p38 kinase-mediated diseases
INVENTOR(S): Appleby, John Robert George; Humphries, Lesley Anne;
Blatcher, Philip; Abu Khalil, As'ad; Kasparec, Jiri;
Diederich, Ann M.; Vernon, Lois E.; Taggart, John J.;

Lloyd, Richard S.; Spoors, Paul G.

PATENT ASSIGNEE(S): Glaxo Group Limited, UK SOURCE: PCT Int. Appl., 142pp.

CODEN: PIXXD2
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1 PATENT INFORMATION:

| PA: | PATENT NO. | | | | | | KIND DATE | | | | ICAT | | | | | | |
|-----|------------|-------------------|-------------------|-------------------|----------------------------|---|--------------------------|-------------------|-------------------|-------------------|-------------------|------------|------------|------------|------------|------------|------------|
| | 2007 | 0595 | 00 | | A2 2007052
A3 2007112 | | | | | | | | | | | | |
| | W: | CN,
GE, | CO,
GH, | CR,
GM, | CU,
GT, | CZ,
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LK, | DK,
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IL, | EC,
IN, | EE,
IS, | EG,
JP, | ES,
KE, | FI,
KG, | GB,
KM, | GD,
KN, |
| | | MN,
RS, | MW,
RU, | MX,
SC, | MY,
SD, | MZ,
SE, | NA,
SG,
VC, | NG,
SK, | NI,
SL, | NO,
SM, | NZ,
SV, | OM, | PG, | PH, | PL, | PT, | RO, |
| | RW: | AT,
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CI, | CH,
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MR, | SE,
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SN, | SK,
TD, | TR,
TG, | BF,
BW, | BJ,
GH, |
| | | KG, | KZ, | MD, | RU, | TJ, | TM, | AP, | EA, | EP, | OA | | | | | | |
| | 2629 | | | | A1 20070524
A1 20070524 | | | | | | | | 20061115 | | | | |
| | | | | | | | | EP 2006-839884 | | | | | | | | | |
| IN | R:
2008 | IS, | IT, | LI, | LT, | LU, | CZ,
LV,
2008 | MC, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | HR |
| | | | | | | MX 2008-6401
KR 2008-714339
US 2005-736679P | | | | | 20080613 | | | | | | |

WO 2006-US60898 W 20061115

OTHER SOURCE(S):

CASREACT 147:9939

AB The invention provides a process for making 6-carboxylic acid derivs. of pyrido(2,3-d]pyrimidin-7-one's, as well as a process for making 8-(2,6-difluoropheny)-4-(4-fluoro-2-methylpheny)-2-(12-hydroxy-1-(hydroxymethyl)ethyl)-amino|pyrido[2,3-d]pyrimidin-7(8H)-one (I), and salts thereof. Example compound I was prepared by amination of (2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-(methylthio)pyrido[2,3-d]pyrimidin-7(8H)-one with serinol. Compound I was crystallized with p-toluenesulfonic acid to make different polymorphs. The invention compds. may be useful in the treatment of p38 kinase-mediated diseases.

RL: IMF (Industrial manufacture); PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (process of making pharmaceutical formulations of pyridopyrimidinone

derivs. useful in treatment and prophylaxis of p38 kinase-mediated diseases)

RN 937169-00-1 CAPLUS

Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-, 4-methylbenzenesulfonate (1:1) (CA INDEX NAME)

CM 1

CN

CRN 444606-18-2

CMF C23 H19 F3 N4 O3

CM 2

CRN 104-15-4 CMF C7 H8 O3 S

IT 444606-18-2P

RL: IMF (Industrial manufacture); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (process of making pharmaceutical formulations of pyridopyrimidinone

(process of making pharmaceutical formulations of pyridopyrimidinone derivs, useful in treatment and prophylaxis of p38 kinase-mediated diseases)

RN 444606-18-2 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]- (CA INDEX NAME)

L3 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2007:81193 CAPLUS

DOCUMENT NUMBER: 146:337837

TITLE: An improved and highly convergent synthesis of 4-substituted-pyrido[2,3-d]pyrimidin-7-ones

AUTHOR(S): Yan, Hongxing; Boehm, Jeffrey C.; Jin, Qi; Kasparec, Jiri; Li, Huijie; Zhu, Chongjie; Widdowson, Katherine

L.; Callahan, James F.; Wan, Zehong

CORPORATE SOURCE: Department of Medicinal Chemistry, Respiratory and
Inflammation Centre of Excellence for Drug Discovery,
GlaxoSmithKline Pharmaceuticals, King of Prussia, PA,

19406, USA

SOURCE: Tetrahedron Letters (2007), 48(7), 1205-1207

CODEN: TELEAY; ISSN: 0040-4039 Elsevier Ltd.

PUBLISHER: Elsevier Ltc
DOCUMENT TYPE: Journal
LANGUAGE: English

OTHER SOURCE(S): CASREACT 146:337837

GI

AB

I, is described resulting in arrays of compds. with biol. interest. The pyrido[2.3-d]pyrimidin-7-ones were obtained in good yields.

IT 911370-11-1P 911370-12-2P 911370-13-3P 911370-27-7P 911370-19-9P 911370-20-2P 911370-21-3P 911370-22-4P 911370-23-5P 911370-24-6P 911370-25-7P 911370-26-8P 911370-34-8P 911370-36-9P 911370-37-1P 911370-38-2P 911370-39-3P 911370-41-7P 911370-42-8P 929213-84-3P 929213-85-4P 929213-94-5P

RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of amino(diaryl)pyridopyrimidines via Suzuki cross-coupling of amino(aryl)chloropyridopyrimidines with arylboronic acids)

RN 911370-11-1 CAPLUS

ON Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-[2-(methylthio)phenyl]-8-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 911370-12-2 CAPLUS CN Pyrido[2,3-d]pyrimi

N Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-[3-(methylthio)phenyl]-8-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-[4-(methylthio)phenyl]-8-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 911370-17-7 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(3,4-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-8-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 911370-19-9 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-(4-methoxyphenyl)-8-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

- RN 911370-20-2 CAPLUS
- CN Pyrido(2,3-d)pyrimidin-7(8H)-one, 2-[(2-hydroxy-1-(hydroxymethyl)ethyl]amin-0]-4-(3-methoxyphenyl)-8-[4-(trifluoromethyl)phenyl)- (CA INDEX NAME)

- RN 911370-21-3 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-(2-methoxyphenyl)-8-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

- RN 911370-22-4 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,4-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-[3-(methylthio)phenyl]- (CA INDEX NAME)

- RN 911370-23-5 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,4-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-[4-(methylthio)phenyl]- (CA INDEX NAME)

- RN 911370-24-6 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,4-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-[2-(methylthio)phenyl]- (CA INDEX NAME)

- RN 911370-25-7 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,4-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-(2-methoxyphenyl)- (CA INDEX NAME)

- RN 911370-26-8 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,4-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-(4-methoxyphenyl)- (CA INDEX NAME)

- RN 911370-34-8 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,4-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-(3-methoxyphenyl)- (CA INDEX NAME)

- RN 911370-36-0 CAPLUS

- RN 911370-37-1 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-[3-(methylthio)phenyl]- (CA INDEX NAME)

- RN 911370-38-2 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[[2-hydroxy-1-

(hydroxymethyl)ethyl]amino]-4-(4-methoxyphenyl)- (CA INDEX NAME)

- RN 911370-39-3 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-(3-methoxyphenyl)- (CA INDEX NAME)

- RN 911370-41-7 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-[4-(methylthio)phenyl]- (CA INDEX NAME)

- RN 911370-42-8 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-(2-methoxyphenyl)- (CA INDEX NAME)

- RN 929213-84-3 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,4-difluorophenyl)-4-(3,4difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]- (CA INDEX NAME)

- RN 929213-85-4 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(3,4-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]- (CA INDEX NAME)

- RN 929213-93-4 CAPLUS
- CN Methanesulfonamide, N-[2-[[8-(2,6-difluorophenyl)-7,8-dihydro-4-[2-(methylthio)phenyl]-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]ethyl]- (CA INDEX NAME)

RN 929213-94-5 CAPLUS

CN Methanesulfonamide, N-[2-[[8-(2,6-difluorophenyl)-7,8-dihydro-4-(2methoxyphenyl)-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]ethyl]- (CA INDEX NAME)

REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2006:1252404 CAPLUS

DOCUMENT NUMBER: 146:765

TITLE: Inhibition of p38 mark for treatment of obesity

INVENTOR(S): Yang, Baichun W. PATENT ASSIGNEE(S):

Smithkline Beecham Corporation, USA SOURCE: PCT Int. Appl., 39pp.

CODEN: PIXXD2 DOCUMENT TYPE: Patent

LANGUAGE: English FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

| PATENT NO. | | | | | KIN | D | DATE | | | APPL | ICAT | I NOI | DATE | | | | | | | |
|---------------|----|-----|-----|-----|-----|------------|------|-----|-----|-----------------|------|-------|------|-----|-----|-----|----------|--|--|--|
| | | | | | | - | | | | | | | | | | | | | | |
| WO 2006127678 | | | | | A2 | 2 20061130 | | | | WO 2006-US19866 | | | | | | | 20060522 | | | |
| | W: | AE, | AG, | AL, | AM, | ΑT, | AU, | AZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, | | | |
| | | CN, | CO, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, | | | |
| | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KM, | KN, | KP, | KR, | | | |
| | | KZ, | LC, | LK, | LR, | LS, | LT, | LU, | LV, | LY, | MA, | MD, | MG, | MK, | MN, | MW, | MX, | | | |

MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM 20080213 EP 2006-770919 EP 1885181 A2 20060522 R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU US 2005-683751P P 20050523

PRIORITY APPLN. INFO .:

WO 2006-US19866 W 20060522

- The present invention is directed to the novel use of an inhibitor of AR CSBP/p38 Kinase for the treatment of obesity, and reducing weight loss in a mammal.
- 444606-18-2, 8-(2,6-Difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-(2-hydroxy-1-hydroxymethylethylamino)-8H-pyrido[2,3-d]pyrimidin-7-one RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(p38 mark inhibition for treatment of obesity)

444606-18-2 CAPLUS

Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2methylphenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]- (CA INDEX NAME)

L3 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2006:1033637 CAPLUS

DOCUMENT NUMBER: 145:419161

TITLE: Preparation of novel 2,4,8-trisubstituted

8H-pyrido[2,3-d]pyrimidin-7-ones as CSBP/RK/p38 kinase

inhibitors

INVENTOR(S): Callahan, James Francis; Boehm, Jeffrey C.; Cooper, Anthony William James; Livia, Stefano; Nevins, Neysa;

Wan, Zehong; Norton, Beth A. PATENT ASSIGNEE(S): Glaxo Group Limited, UK

SOURCE: PCT Int. Appl., 394pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English FAMILY ACC. NUM. COUNT: 1 PATENT INFORMATION:

| | | KIND DATE | | | | | | | | | | | | | | | | | |
|----------|------------------------|-----------|-----|-------------|-------------|-------------|------|------|----------------------------------|-----------------|-------|----------|----------|-----|----------|------------|-----|--|--|
| WO | 2006 | 15 | | A2 20061005 | | | | | | | | | | | | | | | |
| WO | 2006104915 | | | A3 20071122 | | | | | | | | | | | | | | | |
| WO | 2006104915 | | | | A9 20080103 | | | 0103 | | | | | | | | | | | |
| | W: AE, AG, AL, | | | AL, | AM, | AT, | AU, | AZ, | BA, | BB | , BG, | BR, | BW, | BY, | BZ, | CA, | CH, | | |
| | | CN, | CO, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ | , EC, | EE, | EG, | ES, | FI, | GB, | GD, | | |
| | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS | , JP, | KE, | KG, | KM, | KN, | KP, | KR, | | |
| | | KZ, | LC, | LK, | LR, | LS, | LT, | LU, | LV, | LY | , MA, | MD, | MG, | MK, | MN, | MW, | MX, | | |
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| | | SG, | SK, | SL, | SM, | SY, | TJ, | TM, | TN, | TR | , TT, | TZ, | UA, | UG, | US, | UZ, | VC, | | |
| | VN, YU, Z | | | ZA, | ZM, | ZW | | | | | | | | | | | | | |
| | RW: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE | , ES, | FI, | FR, | GB, | GR, | HU, | IE, | | |
| | | IS, | IT, | LT, | LU, | LV, | MC, | NL, | PL, | PT | , RO, | SE, | SI, | SK, | TR, | BF, | BJ, | | |
| | | CF, | CG, | CI, | CM, | GA, | GN, | GQ, | GW, | ML | , MR, | NE, | SN, | TD, | TG, | BW, | GH, | | |
| | | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ | , TZ, | UG, | ZM, | ZW, | AM, | AZ, | BY, | | |
| | | KG, | KZ, | MD, | RU, | TJ, | TM, | AP, | EA, | EP | , OA | | | | | | | | |
| AU | 2006 | 2299 | 93 | | A1 | 2006 | 1005 | | AU | 2006- | | 20060324 | | | | | | | |
| CA | CA 2602553 | | | | | A1 20061005 | | | | | 2006- | | 20060324 | | | | | | |
| US | 2006 | 0235 | 029 | | A1 | 2006 | 1019 | | US | 2006- | | 20060324 | | | | | | | |
| EP | 1868611 | | | | A2 20071226 | | | | US 2006-388968
EP 2006-748672 | | | | | | 20060324 | | | | |
| | | | | | | | | | | | , ES, | | | | | | | | |
| | | IS, | IT, | LI, | LT, | LU, | LV, | MC, | NL, | PL | , PT, | RO, | SE, | SI, | SK, | TR, | AL, | | |
| | | BA, | HR, | MK, | YU | | | | | | | | | | | | | | |
| JP | 2008 | 5345 | 13 | | T 20080828 | | | | | JΡ | 2008- | | 20060324 | | | | | | |
| | | | | | A 20071012 | | | | IN 2007-DN7079 | | | | | | 20070913 | | | | |
| KR | 2007 | 1132 | 55 | | Α | A 20071128 | | | KR 2007-721881 | | | | | | 20070921 | | | | |
| | MX 200711856 | | | | | | | | | | | | | | | | | | |
| | NO 2007005275 | | | | | | | | | NO 2007-5275 | | | | | 20071015 | | | | |
| CN | CN 101258148 | | | | | 20080903 | | | CN 2006-80018226 | | | | | | 20071126 | | | | |
| PRIORITY | PRIORITY APPLN. INFO.: | | | | | | | | | US | 2005- | 6653 | 15P | 1 | P 2 | 0050 | 325 | | |
| | | | | | | | | | | WO 2006-US10855 | | | | | | W 20060324 | | | |
| OTHER SO | OTHER SOURCE(S): | | | | | | 145: | 4191 | 51 | | | | | | | | | | |

- * STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY AVAILABLE VIA OFFLINE PRINT *
- AB The title compds. I or II [G1, G2 = N; G3 = CH2, G4 = CH; R1 = CONHR, NHCOR, etc. (wherein R = (un) substituted Ph, heteroary1, etc.); R11 = halo, alkyl, haloalkyl, etc.; X = substituted NH2, SH, etc.; R3 = alkyl, cycloalkyl, aryl, etc.; g = 0-41, useful in therapy as CSBP/RK/p38 kinase inhibitors, were prepared E.g., a multi-step synthesis of III, starting from 6-hydroxy-2-(methylthio)-4(1H)-pyrimidinone, was given. III and other representative compds. I or II were tested in CSBP/p38 kinase assay and showed pIC50 values of between 5.1 and 8.4. Pharmaceutical composition comprising the compound I or II is disclosed.

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IT 911370-49-5P 911487-61-1P 911487-62-2P 911487-63-3P 911487-64-4P 911487-65-5P 911487-66-6P 911487-67-P 911487-69-9P 911487-70-2P 911487-71-3P 911487-72-4P 911487-74-6P 911487-77-9P 911487-78-0P 911487-79-1P 911487-80-4P 911487-85-9P 911487-83-7P 911487-88-2P 911487-85-9P 911487-88-2P
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911487-89-3P 911487-90-6P 911487-92-8P 911487-93-9P 911487-94-0P 911487-95-1P 911487-96-2P 911487-97-3P 911487-98-4P 911487-99-5P 911488-00-1P 911488-01-2P 911488-02-3P 911488-03-4P 911488-04-5P 911488-05-6P 911488-06-7P 911488-07-8P 911488-08-9P 911488-09-0P 911488-10-3P 911488-11-4P 911488-12-5P 911488-13-6P 911488-14-7P 911488-15-8P 911488-16-9P 911488-17-0P 911488-18-1P 911488-19-2P 911488-20-5P 911488-21-6P 911488-22-7P 911488-23-8P 911488-24-9P 911488-25-0P 911488-26-1P 911488-27-2P 911488-28-3P 911488-29-4P 911488-30-7P 911488-31-8P 911488-32-9P 911488-33-0P 911488-34-1P 911488-35-2P 911488-36-3P 911488-37-4P 911488-38-5P 911488-39-6P 911488-41-0P 911488-42-1P 911488-43-2P 911488-44-3P 911488-45-4P 911488-46-5P 911488-53-4P 911488-54-5P 911488-55-6P 911488-56-7P 911488-57-8P 911488-58-9P 911488-59-0P 911488-60-3P 911488-61-4P 911488-62-5P 911488-63-6P 911488-64-7P 911488-65-8P 911488-66-9P 911488-67-0P 911488-68-1P 911488-69-2P 911488-70-5P 911488-71-6P 911488-72-7P 911488-73-8P 911488-74-9P 911488-75-0P 911488-77-2P 911488-78-3P 911488-79-4P 911488-80-7P 911488-81-8P 911488-82-9P 911488-83-0P 911488-84-1P 911488-85-2P 911488-89-6P 911488-90-9P 911488-91-0P 911488-92-1P 911488-93-2P 911488-94-3P 911488-95-4P 911488-96-5P 911488-97-6P 911488-98-7P 911488-99-8P 911489-00-4P 911489-01-5P 911489-02-6P 911489-03-7P 911489-06-0P 911489-07-1P 911489-08-2P 911489-09-3P 911489-10-6P 911489-11-7P 911489-12-8P 911489-13-9P 911489-14-0P 911489-15-1P 911489-16-2P 911489-17-3P 911489-18-4P 911489-19-5P 911489-20-8P 911489-21-9P 911489-23-1P 911489-25-3P 911489-27-5P 911489-29-7P 911489-30-0P 911489-31-1P 911489-33-3P 911489-35-5P 911489-36-6P 911489-37-7P 911489-39-9P 911489-41-3P 911489-43-5P 911489-44-6P 911489-45-7P 911489-46-8P 911489-47-9P 911489-48-0P 911489-49-1P 911489-50-4P 911489-51-5P 911489-52-6P 911489-53-7P 911489-54-8P 911489-55-9P 911489-56-0P 911489-57-1P 911489-58-2P 911489-59-3P 911489-60-6P 911489-61-7P 911489-62-8P 911489-63-9P 911489-83-3P 911489-84-4P 911489-85-5P 911489-86-6P 911489-87-7P 911489-88-8P 911489-89-9P 911489-90-2P 911489-91-3P 911489-92-4P 911489-93-5P 911489-94-6P 911489-95-7P 911489-96-8P 911489-97-9P 911489-98-0P 911489-99-1P 911490-00-1P 911490-01-2P 911490-02-3P 911490-03-4P 911490-04-5P 911490-05-6P 911490-06-7P 911490-22-7P 911490-23-8P 911490-24-9P 911490-30-7P 911490-31-8P 911490-32-9P 911490-33-0P 911490-34-1P 911490-35-2P 911490-36-3P

911490-37-4P 911490-38-5P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

(preparation of novel substituted pyridopyrimidinones as CSBP/RK/p38 kinase inhibitors useful in therapy)

RN 911370-49-5 CAPLUS

CN Benzamide, N-cyclopropyl-3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-5-fluor-4-methyl- (CA INDEX NAME)

RN 911487-61-1 CAPLUS

CN Benzamide, N-(cyclopropylmethyl)-3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4yl]-4-methyl- (CA INDEX NAME)

RN 911487-62-2 CAPLUS

CN Benzamide, N-(cyclopropylmethyl)-3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-(4-piperidinylamino)pyrido[2,3-d]pyrimidin-4-yl]-4-methyl- (CA INDEX NAME)

- RN 911487-63-3 CAPLUS
- CN Benzamide, N-(cyclopropylmethyl)-3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-[(2,2,6,6-tetramethyl-4-piperidinyl)amino]pyrido[2,3-d]pyrimidin-4-yl]-4-methyl- (CA INDEX NAME)

- RN 911487-64-4 CAPLUS
- CN Benzamide, N-(cyclopropylmethyl)-3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[12-(methylamino)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-(CA INDEX NAME)

- RN 911487-65-5 CAPLUS
- CN Benzamide, N-(cyclopropylmethy1)-3-[8-(2,6-difluoropheny1)-7,8-dihydro-2-[(1H-imidazol-2-ylmethy1)amino]-7-oxopyrido[2,3-d]pyrimidin-4-y1]-4-methy1-(CA INDEX NAME)

- RN 911487-66-6 CAPLUS
- CN Benzamide, 3-[2-[(2-aminoethyl)methylamino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(cyclopropylmethyl)-4-methyl-(CA INDEX NAME)

- RN 911487-67-7 CAPLUS
- CN 2-Thiophenecarboxamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-(4-piperidinylamino)pyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]- (CA INDEX NAME)

RN 911487-69-9 CAPLUS

CN 2-Thiophenecarboxamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-[(2,2,6,6-tetramethyl-4-piperidinyl)amino]pyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]- (CA INDEX NAME)

RN 911487-70-2 CAPLUS

CN 2-Thiophenecarboxamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(lH-imidazol-2-ylmethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]- (CA INDEX NAME)

- RN 911487-71-3 CAPLUS
- CN 2-Thiophenecarboxamide, N-[3-[8-(2,6-difluoropheny1)-7,8-dihydro-2-[[2-(methylamino)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-y1]-4-methylpeny1]- (CA INDEX NAME)

- RN 911487-72-4 CAPLUS
- CN Benzamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-(4-piperidinylamino)pyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-4-fluoro-3-methyl (CA INDEX NAME)

- RN 911487-74-6 CAPLUS
- CN 3-Pyridinecarboxamide, 6-chloro-N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-(4-p)peridinylamino)pyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-(CA INDEX NAME)

- RN 911487-76-8 CAPLUS
- CN 3-Pyridinecarboxamide, 6-chloro-N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-[(2,2,6,6-tetramethyl-4-piperidinyl)amino]pyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]- (CA INDEX NAME)

- RN 911487-77-9 CAPLUS
- CN 3-Pyridinecarboxamide, 6-chloro-N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(1H-imidazol-2-ylmethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]- (CA INDEX NAME)

- RN 911487-78-0 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(4-fluorophenyl)-4-methyl- (CA INDEX NAME)

- RN 911487-79-1 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(2-phenylethyl)- (CA INDEX NAME)

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- RN 911487-80-4 CAPLUS
- CN Benzamide, N-cyclopropyl-3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-[(2,2,6,6-tetramethyl-4-piperidinyl)amino]pyrido[2,3-d]pyrimidin-4-yl]-4methyl- (CA INDEX NAME)

- RN 911487-82-6 CAPLUS
- CN Benzamide, N-cyclopropyl-3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(lH-imidazol-2-ylmethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-(CA INDEX NAME)

- RN 911487-83-7 CAPLUS
- CN Benzamide, N-cyclopropyl-3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-[[2-(propylamino)ethyl]amino]pyrido[2,3-d]pyrimidin-4-yl]-4-methyl- (CA INDEX NAME)

- RN 911487-84-8 CAPLUS
- CN Benzamide, N-cyclopropyl-3-[8-(2,6-difluorophenyl)-2-[[2-(dimethylamino)ethyl]amino]-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl- (CA INDEX NAME)

- RN 911487-85-9 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-[(2,2,6,6-tetramethyl-4-piperidinyl)amino]pyrido[2,3-d]pyrimidin-4-yl]-N-[2-(4-fluorophenyl)ethyl]-4-methyl- (CA INDEX NAME)

- RN 911487-87-1 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-[(2,2,6,6-tetramethyl-4-piperidinyl)aminolpyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(2-phenylethyl)- (CA INDEX NAME)

- RN 911487-88-2 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-(methylamino)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(2phenylethyl)- (CA INDEX NAME)

$$\label{eq:ch2-ch2-nh} \text{MeNH-CH}_2\text{-CH}_2\text{-NH-N} \qquad \qquad \text{N} \qquad \qquad \qquad \text{N} \qquad \qquad \qquad \text{N} \qquad \qquad \qquad \text{N} \qquad \qquad \text{N} \qquad \qquad \qquad \text{N} \qquad \qquad \text$$

- RN 911487-89-3 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(1H-imidazol-2-yhethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(2-phenylethyl)- (CA INDEX NAME)

RN 911487-90-6 CAPLUS CN 3-Thiophenecarboxam

3-Thiophenecarboxamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-[(2,2,6,6-tetramethyl-4-piperidinyl)amino]pyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]- (CA INDEX NAME)

RN 911487-92-8 CAPLUS

CN Benzamide, 3-[2-[(2-aminoethyl)methylamino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(4-fluorophenyl)-4-methyl-(CA INDEX NAME)

- RN 911487-93-9 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-2-[[3-(dimethylamino)propyl]methylami no]-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(1methylethyl)- (CA INDEX NAME)

- RN 911487-94-0 CAPLUS
- CN 3-Thiophenecarboxamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]- (CA INDEX NAME)

- RN 911487-95-1 CAPLUS
- CN Benzamide, N-cyclopropyl-3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl (OA INDEX NAME)

- RN 911487-96-2 CAPLUS
- CN 3-Isoquinolinecarboxamide, N-[3-[8-(2,6-difluoropheny1)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-y1]-4-methylphenyl]- (CA INDEX NAME)

RN 911487-97-3 CAPLUS

CN 3-Isoquinolinecarboxamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 911487-96-2

CMF C33 H26 F2 N6 O4

CM :

CRN 76-05-1 CMF C2 H F3 O2

RN 911487-98-4 CAPLUS

CN 3-Pyridinecarboxamide, 6-chloro-N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4yl]-4-methylphenyl] (CA INDEX NAME)

RN 911487-99-5 CAPLUS

CN 3-Pyridinecarboxamide, 6-chloro-N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimiddin-4-yl-4-methylphenyl]-, 2,2-trifluoroacetate (1:1) (CA INDEX NABL)

CM :

CRN 911487-98-4 CMF C29 H23 C1 F2 N6 O4

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-00-1 CAPLUS

 ${\tt CN-1-Naphthalenecarboxamide, N-[3-[8-(2,6-difluoropheny1)-7,8-dihydro-2-[[2-difluoropheny2]-7,8-dihydro-2-[2-difluoropheny2]-7,8-difluoroph$

 $\label{local-equation} $$ \displaystyle \frac{hydroxy-1-(hydroxymethy1)ethy1]amino]-7-oxopyrido[2,3-d]pyrimidin-4-y1]-4-methylpheny1]-2-hydroxy- (CA INDEX NAME) $$$

RN 911488-01-2 CAPLUS CN 1-Naphthalenecarbox

1-Naphthalenecarboxamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-2-hydroxy-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM

CRN 911488-00-1 CMF C34 H27 F2 N5 O5

CM 2

CRN 76-05-1 CMF C2 H F3 O2 10/ 511,770

RN 911488-02-3 CAPLUS

CN 1-Naphthalenecarboxamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-4-fluoro- (CA INDEX NAME)

RN 911488-03-4 CAPLUS

CN 1-Naphthalenecarboxamide, N-[3-[8-(2,6-difluoropheny])-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethy])etp]]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-4-fluoro-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAFE)

CM

CRN 911488-02-3 CMF C34 H26 F3 N5 O4

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-04-5 CAPLUS

CN 2-Pyrazinecarboxamide, N-[3-[8-(2,6-difluoropheny1)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethy1)ethy1)amino]-7-oxopyrido[2,3-d]pyrimidin-4-y1]-4-methy1pheny1]-5-methy1- (CA INDEX NAME)

RN 911488-05-6 CAPLUS

 ${\tt CN-2-Pyrazine carboxamide,\ N-[3-[8-(2,6-difluor opheny 1)-7,8-dihydro-2-[[2-1]])}\\$

hydroxy-1-(hydroxymethy1)ethy1]amino]-7-oxopyrido[2,3-d]pyrimidin-4-y1]-4-methylpheny1]-5-methyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 911488-04-5

CMF C29 H25 F2 N7 O4

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-06-7 CAPLUS

CN 1H-Indole-5-carboxamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]- (CA INDEX NAME)

RN 911488-07-8 CAPLUS
CN 1H-Indole-5-carboxamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM

CRN 911488-06-7 CMF C32 H26 F2 N6 O4

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-08-9 CAPLUS

CN Benzamide, 3-amino-N-[3-[8-(2,6-difluoropheny1)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]- (CA INDEX NAME)

RN 911488-09-0 CAPLUS

Benzamide, 3-amino-N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM

CN

H₂N

CRN 911488-08-9 CMF C30 H26 F2 N6 O4

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-10-3 CAPLUS

CN 1H-Indole-7-carboxamide, N-[3-[8-(2,6-difluoropheny1)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethy1)ethy1]amino]-7-oxopyrido[2,3-d]pyrimidin-4-y1]-4-methy1pheny1]- (CA INDEX NAME)

RN 911488-11-4 CAPLUS

CN 1H-Indole-7-carboxamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 911488-10-3

CMF C32 H26 F2 N6 O4

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-12-5 CAPLUS

CN Benzeneacetamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-3-methyl- (CA INDEX NAME)

RN 911488-13-6 CAPLUS

CN Benzeneacetamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-3-methyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CRN 911488-12-5 CMF C32 H29 F2 N5 O4

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-14-7 CAPLUS

CN Benzamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-3,4-dimethyl- (CA INDEX NAME)

CN Benzamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino|-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-3,4-dimethyl-,2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 911488-14-7 CMF C32 H29 F2 N5 O4

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-16-9 CAPLUS

CN Benzamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-3-fluoro-4-methyl- (CA INDEX NAME)

RN 911488-17-0 CAPLUS CN

Benzamide, N=[3=[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4methylphenyl]-3-fluoro-4-methyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 911488-16-9 CMF C31 H26 F3 N5 O4

CM

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-18-1 CAPLUS CN Benzamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-dlpyrimidin-4-yl]-4-methylphenyl]-3,9-dihydroxy-4-methyl- (CA INDEX NAME)

- RN 911488-19-2 CAPLUS
- CN Benzamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-3,5-dihydroxy-4-methyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)
 - CM

1

CRN 911488-18-1 CMF C31 H27 F2 N5 O6

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-20-5 CAPLUS

CN Benzeneacetamide, N-[3-[8-(2,6-difluoropheny1)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-y1]-4-methylphenyl]-2,3-difluoro- (CA INDEX NAME)

RN 911488-21-6 CAPLUS CN Benzeneacetamide, N

Benzeneacetamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-2,3-difluoro-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM

CRN 911488-20-5 CMF C31 H25 F4 N5 O4

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-22-7 CAPLUS

CN Benzeneacetamide, N=[3-[8-(2,6-difluoropheny1)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxyenthyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-y1]-4-methylphenyl]-3,5-difluoro- (CA INDEX NAME)

RN 911488-23-8 CAPLUS

CN

CM

Benzeneacetamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-3,5-difluoro-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CRN 911488-22-7

CMF C31 H25 F4 N5 O4

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-24-9 CAPLUS

CN 1H-Imidazole-4-carboxamide, N-[3-{8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-1-methyl- (CA INDEX NAME)

RN 911488-25-0 CAPLUS

CN 1H-Imidazole-4-carboxamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxyr-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-1-methyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM :

CRN 911488-24-9 CMF C28 H25 F2 N7 O4

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-26-1 CAPLUS

CN Butanoic acid, 4-[[3-[[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]amino]-3-oxopropyl]amino]-4-oxo- (CA INDEX NAME)

RN 911488-27-2 CAPLUS

CN Butanoic acid, 4-[[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]amino]-3-oxopyropyl]amino]-4-oxo-, 2,2,2-trifluoroacetate

(1:1) (CA INDEX NAME)

CM 1

CRN 911488-26-1

CMF C30 H30 F2 N6 O7

CM

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-28-3 CAPLUS

CN 1H-Pyrazole-3-carboxamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]- (CA INDEX NAME)

RN 911488-29-4 CAPLUS

CN 1H-Pyrazole-3-carboxamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 911488-28-3 CMF C27 H23 F2 N7 O4

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-30-7 CAPLUS

CN 2-Thiophenecarboxamide, N-[3-|8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]- (CA INDEX NAME)

RN 911488-31-8 CAPLUS

CN 2-Thiophenecarboxamide, N-[3-|8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM

CRN 911488-30-7 CMF C28 H23 F2 N5 O4 S

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-32-9 CAPLUS

 $\texttt{CN} \quad \texttt{Acetamide, N-[3-[8-(2,6-difluoropheny1)-7,8-dihydro-2-[[2-hydroxy-1-4]]]} \\$

(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-2-(2,2,2-trifluoroethoxy)- (CA INDEX NAME)

RN 911488-33-0 CAPLUS

Acetamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methylphenyl]-2-(2,2,2-trifluoroethoxy)-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM

CN

CRN 911488-32-9 CMF C27 H24 F5 N5 O5

CM :

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-34-1 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-(methylamino)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-propyl- (CA INDEX NAME)

RN 911488-35-2 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-(methylamino)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(1-methylethyl)- (CA INDEX NAME)

RN 911488-36-3 CAPLUS

CN Benzamide, N-cyclopentyl-3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-(methylamino)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl- (CA INDEX NAME)

- RN 911488-37-4 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-(methylamino)ethyl]maino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(phenylmethyl)- (CA INDEX NAME)

- RN 911488-38-5 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-(methylamino)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(4fluorophenyl)-4-methyl- (CA INDEX NAME)

- RN 911488-39-6 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluoropheny1)-7,8-dihydro-2-[[2-(methylamino)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-y1]-4-methyl-N-2thiazoly1- (CA INDEX NAME)

RN 91148-41-0 CAPLUS
CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-[(2,2,6,6-tetramethyl-4-piperiddinyl)amino]pyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(1-methylethyl)- (CA INDEX NAME)

- RN 911488-42-1 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-[(2,2,6,6-tetramethyl-4-piperidinyl)amino]pyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-propyl- (CA INDEX NAME)

RN 911488-43-2 CAPLUS

CN Benzamide, N-cyclopentyl-3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-[(2,2,6,6-tetramethyl-4-piperidinyl)amino]pyrido[2,3-d]pyrimidin-4-yl]-4methyl- (CA INDEX NAME)

RN 911488-44-3 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-[(2,2,6,6-tetramethyl-4-piperidinyl)amino]pyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(phenylmethyl)- (CA INDEX NAME)

- RN
- 911488-45-4 CAPLUS Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-[(2,2,6,6-CN tetramethyl-4-piperidinyl)aminolpyrido[2,3-d]pyrimidin-4-yl)-N-(4-fluorophenyl)-4-methyl- (CA INDEX NAME)

- RN 911488-46-5 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-[(2,2,6,6tetramethyl-4-piperidinyl)amino]pyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-2thiazolyl- (CA INDEX NAME)

- RN 911488-53-4 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(lH-imidazol-2-ylmethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(1-methylethyl)- (CA INDEX NAME)

- RN 911488-54-5 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(1H-imidazol-2-ylmethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-propyl- (CA INDEX NAME)

- RN 911488-55-6 CAPLUS
- CN Benzamide, N-cyclopentyl-3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(1H-imidazol-2-ylmethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-(CA INDEX NAME)

- RN 911488-56-7 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(1H-imidazol-2-ylmethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(phenylmethyl)- (CA INDEX NAME)

RN 911488-57-8 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(lH-imidazol-2-ylmethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(4-fluorophenyl)-4-methyl- (CA INDEX NAME)

RN 911488-58-9 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(1H-imidazol-2-ylmethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-2-thiazolyl-(CA INDEX NAME)

RN 911488-59-0 CAPLUS CN Benzamide, 3-18-(2.6

Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-Npropyl- (CA INDEX NAME)

RN 911488-60-3 CAPLUS

1

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(2-hydroxy-1-(hydroxymethyl)ethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-propyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM

CRN 911488-59-0 CMF C27 H27 F2 N5 O4

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-61-4 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]maino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(1-methylethyl)- (CA INDEX NAME)

RN 911488-62-5 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(1-methylethyl)-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CRN 911488-61-4 CMF C27 H27 F2 N5 O4

CM 2

CRN 76-05-1 CMF C2 H F3 O2

CN

RN 911488-63-6 CAPLUS

Benzamide, N-cyclobuty1-3-[8-(2,6-difluoropheny1)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethy1)ethy1]amino]-7-oxopyrido[2,3-d]pyrimidin-4-y1]-4-methy1- (CA INDEX NAME)

- RN 911488-64-7 CAPLUS
- CN Benzamide, N-cyclobutyl-3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)
 - CM
 - CRN 911488-63-6 CMF C28 H27 F2 N5 O4

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-65-8 CAPLUS

CN Benzamide, N-cyclopentyl-3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl- (CA INDEX NAME)

RN 911488-66-9 CAPLUS

CN Benzamide, N-cyclopentyl-3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl)aminol-7-cxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM

CRN 911488-65-8 CMF C29 H29 F2 N5 O4

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-67-0 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1 (hydroxymethyl)ethyl]maino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(4fluorophenyl)-4-methyl-, 2,2,2-trifluoroacetate (1:1) (CA IMDEX NAME)

CM 1

CRN 911487-78-0 CMF C30 H24 F3 N5 O4

CM 2

CRN 76-05-1 CMF C2 H F3 O2

CN

RN 911488-68-1 CAPLUS

 $\label{eq:benzamide} $$ Benzamide, 3-[8-(2,6-difluoropheny1)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethy1)ethy1]amino]-7-oxopyrido[2,3-d]pyrimidin-4-y1]-4-methy1-N-2-thiazoly1-(CA INDEX NAME)$

RN 911488-69-2 CAPLUS CN Benzamide, 3-[8-(2,6

Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-2-thiazolyl-1, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM

CRN 911488-68-1 CMF C27 H22 F2 N6 O4 S

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-70-5 CAPLUS

CN Benzamide, N-cyclopropy1-3-[8-(2,6-difluoropheny1)-7,8-dihydro-2-[[2-

CM

CRN 911487-95-1

CMF C27 H25 F2 N5 O4

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-71-6 CAPLUS

CN Benzamide, N-(cyclopropylmethyl)-3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4yl]-4-methyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 911487-61-1

CMF C28 H27 F2 N5 O4

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-72-7 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[[2-hydroxy-1-hydroxymethyl]ethyl]amino[-4-[2-methyl-5-(4-morpholinylcarbonyl)phenyl]-(CA INDEX NAME)

RN 911488-73-8 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl)amino]-4-[2-methyl-5-(4-morpholinylcarbonyl)phenyl]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 911488-72-7 CMF C28 H27 F2 N5 O5

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-74-9 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl] lamino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-heptyl-4-methyl- (CA INDEX NAME)

RN 911488-75-0 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-heptyl-4-

methyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 911488-74-9

CMF C31 H35 F2 N5 O4

CM

CRN 76-05-1

CMF C2 H F3 O2

RN 911488-77-2 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino|7-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(3-pyridinylmethyl)- (CA INDEX NAME)

HO-CH₂ F F F HO-CH₂-CH-NH N Me

RN 911488-78-3 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(3-pyridinylmethyl)-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 911488-77-2 CMF C30 H26 F2 N6 O4

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-79-4 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(3-phenylpropyl)- (CA INDEX NAME)

RN 911488-80-7 CAPLUS CN Benzamide, 3-[8-(2,

Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(3-phenylpropyl)-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM

CRN 911488-79-4 CMF C33 H31 F2 N5 O4

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-81-8 CAPLUS

1

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(2-phenylethyl)-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM

CRN 911487-79-1

CRN 911487-79-1 CMF C32 H29 F2 N5 O4

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-82-9 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(phenylmethyl)- (CA INDEX NAME)

RN 911488-83-0 CAPLUS
Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(phenylmethyl)-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM

CRN 911488-82-9 CMF C31 H27 F2 N5 O4

CM 2

CRN 76-05-1 CMF C2 H F3 O2

- RN 911488-84-1 CAPLUS
- CN Carbamic acid, N-[2-[[8-(2,6-difluorophenyl)-4-[5-[[(4-

fluorophenyl)amino]carbonyl]-2-methylphenyl]-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]ethyl]-N-methyl-, 1,1-dimethylethyl ester (CA INDEX NAME)

- RN 911488-85-2 CAPLUS
- CN Benzoic acid, 3-[8-(2,4-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]- (CA INDEX NAME)

- RN 911488-89-6 CAPLUS
- CN Benzoic acid, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(1H-imidazol-2-ylmethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)
 - CM 1
 - CRN 911488-88-5
 - CMF C25 H18 F2 N6 O3

CRN 76-05-1 CMF C2 H F3 O2

RN 911488-90-9 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-2-[[2-(dimethylamino)ethyl]methylamin o]-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(4-fluorophenyl)-4-methyl- (CA INDEX NAME)

RN 911488-91-0 CAPLUS

CN

 $\label{eq:benzamide, 3-[8-(2,6-diffluorophenyl)-2-[2-(dimethylamino)ethyl]methylaminol-7,8-dihydro-7-oxopyridol2,3-dlpyrimidin-4-yl]-4-methyl-N-(1-methylethyl)- (CA INDEX NAME)$

- RN 911488-92-1 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[3-[(1-methylethyl)amino]propyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-2-thiazolyl- (CA INDEX NAME)

- RN 911488-93-2 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-2-[[3-{(1,1-dimethylethyl)amino]propyl]amino]-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-2-thiazolyl- (CA INDEX NAME)

- RN 911488-94-3 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-[(1-methylethyl)amino]ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-2-thiazolyl- (CA INDEX NAME)

- RN 911488-95-4 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-2-[[3-(dimethylamino)propyl]methylami no]-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-propyl- (CA INDEX NAME)

- RN 911488-96-5 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-2-[[2-(dimethylamino)ethyl)amino]-7,8dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-propyl- (CA INDEX NAME)

- RN 911488-97-6 CAPLUS
- CN Carbamic acid, N-[2-[8-(2,6-difluorophenyl)-7,8-dihydro-4-[2-methyl-5-[propylamino) carbonyl]phenyl]-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]ethyl]-N-methyl-, 1,1-dimethylethyl ester (CA INDEX NAME)

- RN 911488-98-7 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-2-[[3-(dimethylamino)propyl]methylamino]-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-2-thiazolyl-(CA INDEX NAME)

- RN 911488-99-8 CAPLUS
- CN Acetamide, N-[3-[8-(2,4-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]phenyl]- (CA INDEX NAME)

- RN 911489-00-4 CAPLUS
- CN Benzamide, 3-8-(2,6-difluorophenyl)-2-[[2-(dimethylamino)ethyl]amino]-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-2-thiazolyl- (CA INDEX NAME)

- RN 911489-01-5 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(5-amino-2-methylphenyl)-8-(2,6difluorophenyl)-2-[(2,2,6,6-tetramethyl-4-piperidinyl)amino]- (CA INDEX NAME)

- RN 911489-02-6 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(5-amino-2-methylphenyl)-8-(2,6-difluorophenyl)-2-(4-piperidinylamino)- (CA INDEX NAME)

- RN 911489-03-7 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-2-[[2-(dimethylamino)ethyl]amino]-7,8-dhydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(4-fluorophenyl)-4-methyl-(CA INDEX NAME)

- RN 911489-06-0 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-2-[[3-(dimethylamino)propyl)methylami no)-7,8-dihydro-7-xopyrido(2,3-d]pyrimidin-4-yl]-N-(4-fluorophenyl)-4methyl- (CA INDEX NAME)

- RN 911489-07-1 CAPLUS
- CN Benzamide, 3-[8-(2,6-difluorophenyl)-2-[[2-(dimethylamino)ethyl]amino]-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(1-methylethyl)- (CA INDEX NAME)

- RN 911489-08-2 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dhydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(1-methylethyl)- (CA INDEX NAME)

- RN 911489-09-3 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N,4-dimethyl- (CA INDEX NAME)

- RN 911489-10-6 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N,N,4-trimethyl- (CA INDEX NAME)

- RN 911489-11-7 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimiddin-4-yl]-N-[2-hydroxy-1-(hydroxymethyl)-4-methyl- (CA INDEX NAME)

- RN 911489-12-8 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-propyl- (CA INDEX NAME)

RN 911489-13-9 CAPLUS CN Benzamide, N-butyl-3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-(CA INDEX NAME)

- RN 911489-14-0 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(2-methylpropyl)-(CA INDEX NAME)

- RN 911489-15-1 CAPLUS
- CN Benzamide, N-cyclopentyl-3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-(CA INDEX NAME)

- RN 911489-16-2 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(1,1-dimethylethyl)-4-methyl-(CA INDEX NAME)

- RN 911489-17-3 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(2,2-dimethylpropyl)-4-methyl-(CA INDEX NAME)

- RN 911489-18-4 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino]propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

- RN 911489-19-5 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-ethyl-4-methyl- (CA INDEX NAME)

- RN 911489-20-8 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dinydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-[(1R)-1,2-dimethylpropyl]-4-methyl- (CA INDEX NAME)

Absolute stereochemistry.

- RN 911489-21-9 CAPLUS
- Nation of the control of the cont

Absolute stereochemistry.

- RN 911489-23-1 CAPLUS
- CN Benzamide, N-(cyclopentylmethyl)-3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difiluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)
 - CM 1
 - CRN 911489-22-0
 - CMF C34 H40 F2 N6 O2

CRN 76-05-1 CMF C2 H F3 O2

RN 911489-25-3 CAPLUS

CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(2-fluoroethyl)-4-methyl-,
2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM

CRN 911489-24-2

CMF C30 H33 F3 N6 O2

10/ 511,770

CM 2

CRN 76-05-1 CMF C2 H F3 O2

F-C-CO₂H

RN 911489-27-5 CAPLUS

CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-dipyrimidin-4-y]-N-(2-methoxyethyl)-4-methyl-,2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM

CRN 911489-26-4 CMF C31 H36 F2 N6 O3

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911489-29-7 CAPLUS

CN Benzamide, N-(cyclohexylmethyl)-3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-diftluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CRN 911489-28-6 CMF C35 H42 F2 N6 O2

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911489-30-0 CAPLUS

CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-[(5-methyl-2-furanyl)methyl]- (CA INDEX NAME)

RN 911489-31-1 CAPLUS

 ${\tt CN-Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-difluorophenyl)-7,8-difluorophenyl} \\$

dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-[(5-methyl-2-furanyl)methyl]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 911489-30-0

CMF C34 H36 F2 N6 O3

CM

CRN 76-05-1 CMF C2 H F3 O2

CN

RN 911489-33-3 CAPLUS

Benzamide, N-cyclobutyl-3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-,2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 911489-32-2

CMF C32 H36 F2 N6 O2

CRN 76-05-1 CMF C2 H F3 O2

RN 911489-35-5 CAPLUS

CN Benzamide, N-(cyclopropylmethyl)-3-[2-[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4methyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM

CRN 911489-34-4 CMF C32 H36 F2 N6 O2

CRN 76-05-1 CMF C2 H F3 O2

CN

CN

RN 911489-36-6 CAPLUS

Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(2-thienylmethyl)-(CA INDEX NAME)

RN 911489-37-7 CAPLUS

Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(2-thienylmethyl)-,2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 911489-36-6

CMF C33 H34 F2 N6 O2 S

CRN 76-05-1 CMF C2 H F3 O2

RN 911489-39-9 CAPLUS

CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N,N-diethyl-4-methyl-,2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM

CRN 911489-38-8 CMF C32 H38 F2 N6 O2

10/ 511,770

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911489-41-3 CAPLUS

CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidán-4-yl]-4-methyl-N-[(tetrahydro-2H-pyran-4-yl)methyl]-,2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM

CRN 911489-40-2 CMF C34 H40 F2 N6 O3

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911489-43-5 CAPLUS

N Benzamide, 3-[2-[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-[(tetrahydro-2-furanyl]methyl]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 911489-42-4 CMF C33 H38 F2 N6 O3

CM

CRN 76-05-1 CMF C2 H F3 O2

RN 911489-44-6 CAPLUS

CN Benzamide, N-cyclohexyl-3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-(CA INDEX NAME)

RN 911489-45-7 CAPLUS

 $\begin{tabular}{ll} {\tt CN} & {\tt Benzamide, 3-[2-[[3-(diethylamino)propy1]amino]-8-(2,6-difluoropheny1)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-y1]-N-[2-(ethylthio)ethyl]-4-methyl-dipyrimidin-4-y1]-N-[2-(ethylthio)ethyl]-4-methyl-dipyrimidin-4-y1]-N-[2-(ethylthio)ethyl]-4-methyl-dipyrimidin-4-y1]-N-[2-(ethylthio)ethyl]-4-methyl-dipyrimidin-4-y1]-N-[2-(ethylthio)ethyl]-1-methyl-dipyrimidin-4-y1]-N-[2-(ethylthio)ethyl]-1-methyl-dipyrimidin-4-y1]-N-[2-(ethylthio)ethyl]-1-methyl-dipyrimidin-4-y1]-N-[2-(ethylthio)ethyl]-1-methyl-dipyrimidin-4-y1]-N-[2-(ethylthio)ethyl]-1-methyl-dipyrimidin-4-y1]-N-[2-(ethylthio)ethyl]-1-methyl-dipyrimidin-4-y1]-N-[2-(ethylthio)ethyl]-1-methyl-dipyrimidin-4-y1]-N-[2-(ethylthio)ethyl]-1-methyl-dipyrimidin-4-y1]-N-[2-(ethylthio)ethyl]-1-methyl-dipyrimidin-4-y1]-N-[2-(ethylthio)ethyl]-1-methyl-dipyrimidin-4-y1]-N-[2-(ethylthio)ethyl]-1-methyl-dipyrimidin-4-y1]-N-[2-(ethylthio)ethyl]-1-methyl-dipyrimidin-4-y1]-N-[2-(ethylthio)ethyl]-1-methyl-dipyrimidin-4-y1]-N-[2-(ethylthio)ethyl]-1-methyl-dipyrimidin-4-y1]-N-[2-(ethylthio)ethyl-dipyrimidin-$

(CA INDEX NAME)

- RN 911489-46-8 CAPLUS
- CN Benzamide, N-(2-cyanoethyl)-3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-(CA INDEX NAME)

- RN 911489-47-9 CAPLUS
- CN Benzamide, 3-[2-[i3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-[2-(lH-imidazol-5-yl)ethyl]-4-methyl- (CA INDEX NAME)

- RN 911489-48-0 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-phenyl- (CA INDEX NAME)

- RN 911489-49-1 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-[(1R)-1-phenylethyl]-(CA INDEX NAME)

Absolute stereochemistry.

RN 911489-50-4 CAPLUS

CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-[(15)-1-phenylethyl]-(CA INDEX NAME)

Absolute stereochemistry.

RN 911489-51-5 CAPLUS

CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-2-methyl-N-2-thiazolyl- (CA INDEX NAME)

- RN 911489-52-6 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-2-methyl-N-phenyl- (CA INDEX NAME)

- RN 911489-53-7 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(4-fluorophenyl)-2-methyl-(CA INDEX NAME)

- RN 911489-54-8 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-2-methyl-N-propyl- (CA INDEX NAME)

- RN 911489-55-9 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-2-methyl-N-(2-methylpropyl)-(CA INDEX NAME)

- RN 911489-56-0 CAPLUS
- CN Benzamide, N-cyclopropyl-3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-2-methyl-(CA INDEX NAME)

- RN 911489-57-1 CAPLUS
- CN Benzamide, N-(cyanomethyl)-3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-2-methyl-(CA INDEX NAME)

RN 911489-58-2 CAPLUS
Benzamide, N-(2-amino-2-oxoethyl)-3-[2-[[3-(diethylamino)propyl]amino]-8(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4methyl- (CA INDEX NAME)

- RN 911489-59-3 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-[2-(methylamino)-2oxoethyl]- (CA INDEX NAME)

RN 911489-60-6 CAPLUS CN Benzamide, 3-[2-[[3:

Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-3-pyridinyl- (CA INDEX NAME)

RN 911489-61-7 CAPLUS

CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(4-fluorophenyl)-4-methyl-(CA INDEX NAME)

- RN 911489-62-8 CAPLUS
- CN Benzamide, N-cyclopropy1-3-[2-[[3-(diethylamino)propy1]amino]-8-(2,6-difluoropheny1)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-y1]-4-methyl-(CA INDEX NAME)

- RN 911489-63-9 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-(1-methylpropyl)-(CA INDEX NAME)

- RN 911489-83-3 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dlhydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-5-fluoro-4-methyl-N-(1-methylethyl)- (CA INDEX NAME)

- RN 911489-84-4 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dhydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-5-fluoro-N,4-dimethyl- (CA INDEX NAME)

- RN 911489-85-5 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-5-fluoro-4-methyl-N-propyl- (CA INDEX NAME)

- RN 911489-86-6 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino]propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-5-fluoro-N-(4-fluorophenyl)-4-methyl- (CA INDEX NAME)

- RN 911489-87-7 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-5-fluoro-4-methyl-N-2-thiazolyl-(CA INDEX NAME)

- RN 911489-88-8 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-5-fluoro-4-methyl-N-phenyl- (CA INDEX NAME)

- RN 911489-89-9 CAPLUS
- CN Benzamide, N-cyclopropyl-3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-5-fluoro-4-methyl- (CA INDEX NAME)

- RN 911489-90-2 CAPLUS
- CN Benzamide, N-cyclopentyl-3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-5-fluoro-4-methyl- (CA INDEX NAME)

- RN 911489-91-3 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(1,1-dimethylethyl)-5-fluoro-4-methyl- (CA INDEX NAME)

- RN 911489-92-4 CAPLUS
- CN Benzamide, 4-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-propyl- (CA INDEX NAME)

- RN 911489-93-5 CAPLUS
- CN Benzamide, 4-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(1-methylethyl)- (CA INDEX
 NAME)

- RN 911489-94-6 CAPLUS
- CN Benzamide, N-cyclopropyl-4-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]- (CA INDEX NAME)

RN 911489-95-7 CAPLUS
CN Benzamide, 4-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(4-fluorophenyl)- (CA INDEX NAME)

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PAGE 2-A

F

- RN 911489-96-8 CAPLUS
- CN Benzamide, 4-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-2-thiazolyl- (CA INDEX NAME)

- RN 911489-97-9 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-methyl- (CA INDEX NAME)

- RN 911489-98-0 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-propyl- (CA INDEX NAME)

- RN 911489-99-1 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(1-methylethyl)- (CA INDEX NAME)

- RN 911490-00-1 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(4-fluorophenyl)- (CA INDEX NAME)

- RN 911490-01-2 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-2-thiazolyl- (CA INDEX NAME)

- RN 911490-02-3 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-phenyl- (CA INDEX NAME)

- RN 911490-03-4 CAPLUS
- CN Benzamide, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-N-(1,1-dimethylethyl)- (CA INDEX NAME)

- RN 911490-04-5 CAPLUS
- CN Benzamide, N-cyclopentyl-3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]- (CA INDEX NAME)

- RN 911490-05-6 CAPLUS
- CN Benzamide, N-cyclopropyl-3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]- (CA INDEX NAME)

- RN 911490-06-7 CAPLUS
- CN Carbamic acid, N-[2-[[8-(2,6-difluoropheny1)-7,8-dihydro-4-[2-methy1-5-[(2-phenylethyl)amino|carbonyl]phenyl]-7-oxopyrido[2,3-d]pyrimidin-2yl]amino|ethyl]-N-methyl-, 1,1-dimethylethyl setter (CA INDEX NAME)

- RN 911490-22-7 CAPLUS
- CN 3-Thiophenecarboxamide, N-[3-[8-(2,6-difluoropheny1)-7,8-dihydro-7-oxo-2-[(2,2,6,6-tetramethy1-4-piperidiny1)amino]pyrido[2,3-d]pyrimidin-4-y1]-4methylpheny1]-, hydrochloride (1:1) (CA INDEX NAME)

● HCl

RN 911490-23-8 CAPLUS

CN 3-Thiophenecarboxamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-[(2,2,6,6-tetramethyl-4-piperidinyl)amino|pyrido[2,3-d|pyrimidin-4-yl]-4methylphenyl]-, 4-methylbenzenesulfonate (1:1) (CA INDEX NAME)

CM

CRN 911487-90-6

CMF C34 H34 F2 N6 O2 S

CM

CRN 104-15-4 CMF C7 H8 O3 S

RN 911490-24-9 CAPLUS

CN 3-Thiophenecarboxamide, N-[3-[8-(2,6-difluorophenyl)-7,8-dihydro-7-oxo-2-[(2,2,6,6-tetramethyl-4-piperidinyl)amino]pyrido[2,3-d]pyrimidin-4-yl]-4methylphenyl]-, methanesulfonate (1:1) (CA INDEX NAME)

CM

CRN 911487-90-6 CMF C34 H34 F2 N6 O2 S

CM 2

CRN 75-75-2 CMF C H4 03 S

CN

RN 911490-30-7 CAPLUS

Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(]H-imidazol-2-ylmethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-2-thiazolyl-, methanesulfonate (1:1) (CA INDEX NAME)

CM 1

CRN 911488-58-9 CMF C28 H20 F2 N8 O2 S

CM 2

CRN 75-75-2 CMF C H4 03 S

RN 911490-31-8 CAPLUS CN Benzamide, 3-[8-(2,6

Benzamide, 3-[8-(2,6-difluoropheny)]-7,8-dihydro-2-[(1H-imidazol-2ylmethyl)amino]-7-oxopyido[2,3-d]pyrimidin-4-yl]-4-methyl-N-2-thiazolyl-, 4-methylbenzenesulfonate (1:1) (CA INDEX NAME)

CM

CRN 911488-58-9 CMF C28 H20 F2 N8 O2 S

CM 2

CRN 104-15-4 CMF C7 H8 O3 S

RN 911490-32-9 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(1H-imidazol-2-ylmethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-2-thiazolyl-, hydrochloride (1:1) (CA INDEX NAME)

● HCl

RN 911490-33-0 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(1H-imidazol-2-ylmethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-2-thiazolyl-, sulfate (1:1) (CA INDEX NAME)

CM 1

CRN 911488-58-9

CMF C28 H20 F2 N8 O2 S

CM 2

CRN 7664-93-9 CMF H2 O4 S

RN 911490-34-1 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(1H-imidazol-2-ylmethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-2-thiazolyl-, hydrobromide (1:1) (CA INDEX NAME)

• HBr

RN 911490-35-2 CAPLUS

 $\begin{array}{lll} \hbox{CN} & \hbox{Benzamide, 3-[8-(2,6-difluoropheny1)-7,8-dihydro-2-[(1H-imidazol-2-ylmethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-2-thiazolyl-,} \end{array}$

2-hydroxy-1,2,3-propanetricarboxylate (1:1) (CA INDEX NAME) CM 1 CRN 911488-58-9 CMF C28 H20 F2 N8 O2 S Me

CM

CRN 77-92-9 CMF C6 H8 O7

CO2H

911490-36-3 CAPLUS

Ethanesulfonic acid, compd. with 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(1H-imidazol-2-ylmethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-2-thiazolylbenzamide (1:1) (CA INDEX NAME)

CM 1

CN

CRN 911488-58-9 CMF C28 H20 F2 N8 O2 S 10/ 511,770

CM 2

CRN 594-45-6 CMF C2 H6 O3 S

RN 911490-37-4 CAPLUS CN Benzamide, 3-[8-(2,6-

N Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(1H-imidazol-2-ylmethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-N-2-thiazolyl-, benzenesulfonate (1:1) (CA INDEX NAME)

CM

CRN 911488-58-9 CMF C28 H20 F2 N8 O2 S

CM 2

CRN 98-11-3 CMF C6 H6 O3 S

RN 911490-38-5 CAPLUS

CN Benzamide, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[(1H-imidazol-2-ylmethyl)amino]-7-oxpyrido[2,3-d]pyrimididn-4-yl]-4-methyl-N-2-thiazolyl-, (2E)-2-butenedioate (1:1) (CA INDEX NAME)

CM

CRN 911488-58-9 CMF C28 H20 F2 N8 O2 S

CM 2

CRN 110-17-8 CMF C4 H4 O4

Double bond geometry as shown.

IT 911370-53-1P 911370-57-5P 911370-58-6P

911490-44-3P 911490-46-5P 911490-60-3P RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT

(Reactant or reagent)
(preparation of novel substituted pyridopyrimidinones as CSBP/RK/p38 kinase inhibitors useful in therapy)

nnibitors useful in th RN 911370-53-1 CAPLUS

CN Benzoic acid, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-

7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-y1]-2-methyl- (CA INDEX NAME)

- RN 911370-57-5 CAPLUS
- CN Benzoic acid, 4-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]- (CA INDEX NAME)

- RN 911370-58-6 CAPLUS
- CN Benzoic acid, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]- (CA INDEX NAME)

10/511,770

RN 911490-44-3 CAPLUS

CN Benzoic acid, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl- (CA INDEX NAME)

RN 911490-46-5 CAPLUS

CN Benzoic acid, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-5-fluoro-4-methyl-,2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM

CRN 911490-45-4 CMF C28 H28 F3 N5 O3

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911490-60-3 CAPLUS

CN Benzoic acid, 3-[8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-4-methyl-(CA INDEX NAME)

L3 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2006:1032101 CAPLUS

DOCUMENT NUMBER: 145:397536

TITLE: Process for preparing pyrido[2,3-d]pyrimidin-7-one and

3,4-dihydropyrimido[4,5-d]pyrimidin-2(1h)-one

derivatives

INVENTOR(S): Callahan, James Francis; Boehm, Jeffrey; Wan, Zehong;

Yan, Hongxing
PATENT ASSIGNEE(S): Glaxo Group Limited, UK

SOURCE: PCT Int. Appl., 115pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | | | | KIND DATE | | | APPLICATION NO. | | | | | DATE | | | | | |
|------------|-------------|-----|-----|-------------|----------------------------|-----|-----------------|-----------------|-----------------|----------------|-----|----------|----------|----------|----------|-----|-----|
| WO. | 2006104917 | | | | | | 20061005 | | WO 2006-US10859 | | | | | 20060324 | | | |
| | W: | ΑE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KM, | KN, | KP, | KR, |
| | | KZ, | LC, | LK, | LR, | LS, | LT, | LU, | LV, | LY, | MA, | MD, | MG, | MK, | MN, | MW, | MX, |
| | | MZ, | NA, | NG, | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RU, | SC, | SD, | SE, |
| | | SG, | SK, | SL, | SM, | SY, | TJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, | US, | UZ, | VC, |
| | | VN, | YU, | ZA, | ZM, | ZW | | | | | | | | | | | |
| | RW: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | HU, | ΙE, |
| | | IS, | IT, | LT, | LU, | LV, | MC, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | BF, | BJ, |
| | | CF, | CG, | CI, | CM, | GA, | GN, | GQ, | GW, | ML, | MR, | NE, | SN, | TD, | TG, | BW, | GH, |
| | | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, | AZ, | BY, |
| | | KG, | KZ, | MD, | RU, | TJ, | TM | | | | | | | | | | |
| ΑU | 2006229995 | | | | A1 20061005 AU 2006-229995 | | | | | | | 20060324 | | | | | |
| CA | 2603163 | | | A1 20061005 | | | | CA 2006-2603163 | | | | 20060324 | | | | | |
| US | 20060258687 | | | A1 20061116 | | | | | US 2006-388375 | | | | 20060324 | | | | |
| EΡ | 1865 | 959 | | | A2 20071219 | | | | | EP 2006-739572 | | | | | 20060324 | | |
| | R: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, |
| | | IS, | IT, | LI, | LT, | LU, | LV, | MC, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | AL, |
| | | BA. | HR, | MK, | YU | | | | | | | | | | | | |

| US 20080096905 | A1 | 20080424 | US | 2007-908839 | | 20070917 |
|------------------------|----|----------|----|--------------|---|----------|
| IN 2007DN07836 | A | 20071109 | IN | 2007-DN7836 | | 20071011 |
| NO 2007005232 | A | 20071128 | NO | 2007-5232 | | 20071012 |
| MX 200712951 | A | 20080111 | MX | 2007-12951 | | 20071017 |
| KR 2008002865 | A | 20080104 | KR | 2007-724430 | | 20071024 |
| PRIORITY APPLN. INFO.: | | | US | 2005-665154P | P | 20050325 |
| | | | WO | 2006-US10859 | W | 20060324 |

OTHER SOURCE(S): MARPAT 145:397536

GI

AB A process for the preparation of 2,4,8- trisubstituted pyrido[2,3-d]pyrimidin-7-

one I or II wherein Gl is CH2 or NH; Gl is CH or N; Rl is chloro, bromo, iodo, or O-S(0)2CF3; R2 is a Cl-10 alkyl; m is an integer between 0-2; R3 is a Cl-10 alkyl, C3-7 cycloalkyl, C3-7 cycloalkyl Cl-10 alkyl, aryl, arylCl-10 alkyl, heteroarylCl-10 alkyl, heteroarylCl-10 alkyl, heterocyclic or a heterocyclylCl-10 alkyl moiety, and wherein each of these moieties may be optionally substituted is presented. Thus, II was prepared in 70% yield from 4,6-dichloro-2-methylsulfanyl-pyrimidine-5-carboxaldehyde and 4-triflooromethylanline.

IT 911370-36-0P 911370-37-1P 911370-41-7P RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (process for preparing pyrido[2,3-d]pyrimidin-7-lne and 3,4-dihydropyrimido[4,5-d]pyrimidin-2(1h)-noe derivs.)

RN 911370-36-0 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-[2-(methylthio)phenyl]- (CA INDEX NAME)

- RN 911370-37-1 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-[3-(methylthio)phenyl]- (CA INDEX NAME)

- RN 911370-41-7 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-[4-(methylthio)phenyl]- (CA INDEX NAME)

ΙT

619327-53-6P 911370-11-1P 911370-12-2P 911370-13-3P 911370-14-4P 911370-15-5P

RN

CN

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911370-16-6P 911370-17-7P 911370-18-8P
911370-19-9P 911370-20-2P 911370-21-3P
911370-22-4P 911370-23-5P 911370-24-6P
911370-25-7P 911370-26-8P 911370-27-9P
911370-28-0P 911370-29-1P 911370-30-4P
911370-31-5P 911370-32-6P 911370-33-7P
911370-34-8P 911370-35-9P 911370-38-2P
911370-39-3P 911370-40-6P 911370-42-8P
911370-43-9P 911370-44-0P 911370-45-1P
911370-46-2P 911370-47-3P 911370-48-4P
911370-49-5P 911370-53-1P 911370-55-3P
911370-57-5P 911370-58-6P
RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP
(Preparation)
   (process for preparing pyrido[2,3-d]pyrimidin-7-one and
   3,4-dihydropyrimido[4,5-d]pyrimidin-2(1h)-one derivs.)
619327-53-6 CAPLUS
Pyrido [2,3-d]pyrimidin-7(8H)-one, 4,8-bis(2,4-difluorophenyl)-2-[[2-
hydroxy-1-(hydroxymethyl)ethyl]amino]- (CA INDEX NAME)
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- RN 911370-11-1 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-[2-(methylthio)phenyl]-8-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

- RN 911370-12-2 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-[[2-hydroxy-1-(hydroxymethyl]berino]-4-[3-(methylthio)phenyl]-8-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

- RN 911370-13-3 CAPLUS
- CN Pyrido [2,3-d]pyrimidin-7(8H)-one, 2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-[4-(methylthio)phenyl]-8-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 911370-14-4 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-phenyl-8-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 911370-15-5 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(3-chlorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-8-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

- RN 911370-16-6 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(4-chlorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-8-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

- RN 911370-17-7 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(3,4-difluorophenyl)-2-[[2-hydroxy-l-(hydroxymethyl)ethyl]amino]-8-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

- RN 911370-18-8 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(2-chlorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-8-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

- RN 911370-19-9 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-(4-methoxyphenyl)-8-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

- RN 911370-20-2 CAPLUS
- CN Pyrido(2,3-d)pyrimidin-7(8H)-one, 2-[(2-hydroxy-1-(hydroxymethyl)ethyl]amin-0]-4-(3-methoxyphenyl)-8-[4-(trifluoromethyl)phenyl)- (CA INDEX NAME)

- RN 911370-21-3 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-(2-methoxyphenyl)-8-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

- RN 911370-22-4 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,4-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-[3-(methylthio)phenyl]- (CA INDEX NAME)

- RN 911370-23-5 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,4-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-[4-(methylthio)phenyl]- (CA INDEX NAME)

- RN 911370-24-6 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,4-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-[2-(methylthio)phenyl]- (CA INDEX NAME)

- RN 911370-25-7 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,4-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-(2-methoxyphenyl)- (CA INDEX NAME)

- RN 911370-26-8 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,4-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-(4-methoxyphenyl)- (CA INDEX NAME)

- RN 911370-27-9 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-[1,1'-biphenyl]-2-yl-8-(2,4difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]- (CA INDEX NAME)

- RN 911370-28-0 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-[1,1'-biphenyl]-3-yl-8-(2,4-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]- (CA INDEX NAME)

- RN 911370-29-1 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,4-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-(2-methylphenyl)- (CA INDEX NAME)

- RN 911370-30-4 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,4-difluorophenyl)-4-(2-fluoro[1,1'-biphenyl)-4-yl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]- (CA INDEX NAME)

- RN 911370-31-5 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(4-chlorophenyl)-8-(2,4difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-NAME)

RN 911370-32-6 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(3-chlorophenyl)-8-(2,4-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]- (CA INDEX NAME)

RN 911370-33-7 CAPLUS

CN Pyrio([2,3-d]pyrimidin-7(8H)-one, 8-(2,4-difluorophenyl)-4-(3fluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]- (CA INDEX NAME)

- RN 911370-34-8 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,4-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-(3-methoxyphenyl)- (CA INDEX NAME)

- RN 911370-35-9 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,4-difluorophenyl)-4-(3,5difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]- (CA INDEX NAME)

- RN 911370-38-2 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-(4-methoxyphenyl)- (CA INDEX NAME)

- RN 911370-39-3 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-(3-methoxyphenyl)- (CA INDEX NAME)

- RN 911370-40-6 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluoropheny1)-2-[[2-hydroxy-1-(hydroxymethy1)ethy1]amino]-4-pheny1- (CA INDEX NAME)

- RN 911370-42-8 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-(2-methoxyphenyl)- (CA INDEX NAME)

- RN 911370-43-9 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-(2-hydroxyphenyl)- (CA INDEX NAME)

- RN 911370-44-0 CAPLUS

(hydroxymethyl)ethyl]amino]-4-(3-hydroxyphenyl)- (CA INDEX NAME)

- RN 911370-45-1 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-(4-hydroxyphenyl)- (CA INDEX NAME)

- RN 911370-46-2 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-[4-(methylsulfonyl)phenyl]- (CA INDEX NAME)

- RN 911370-47-3 CAPLUS
- $\begin{array}{lll} \text{CN} & & \text{Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-[3-(methylsulfonyl)phenyl]- & (CA & INDEX & NAME) \\ \end{array}$

- RN 911370-48-4 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-4-[2-(methylsulfonyl)phenyl]- (CA INDEX NAME)

RN 911370-49-5 CAPLUS

CN Benzamide, N-cyclopropyl-3-(8-(2,6-difluorophenyl)-7,8-dihydro-2-[[2-hydroxy-1-(hydroxymethyl)ethyl)amino]-7-oxopyrido[2,3-d]pyrimidin-4-yl]-5-fluoro-4-methyl- (CA INDEX NAME)

RN 911370-53-1 CAPLUS

CN Benzoic acid, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]-2-methyl- (CA INDEX NAME)

RN 911370-55-3 CAPLUS

 $\texttt{CN} \quad \texttt{Benzoic acid, 3-[2-[[3-(diethylamino)propy1]amino]-8-(2,6-difluorophenyl)-1-(2,$

7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-y1]-5-fluoro-4-methyl-, 1,1-dimethylethyl ester, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 911370-54-2 CMF C32 H36 F3 N5 O3

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 911370-57-5 CAPLUS

CN Benzoic acid, 4-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-yl]- (CA INDEX NAME)

RN 911370-58-6 CAPLUS

CN Benzoic acid, 3-[2-[[3-(diethylamino)propyl]amino]-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-4-y1]- (CA INDEX NAME)

L3 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2006:1012520 CAPLUS

DOCUMENT NUMBER: 145:377379 TITLE: Preparation of 8-alkyl/aryl-4-aryl-2-N-(alkylamino)-

N''-substituted-N'-cyanoguanidino-8H-pyrido[2,3-

d]pyrimidin-7-one compounds for treating CSBP/p38 kinase mediated diseases

Boehm, Jeffrey C.; Taggart, John J. INVENTOR(S):

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 40pp. CODEN: USXXCO

DOCUMENT TYPE: Patent English

LANGUAGE: FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----------------|------|----------|-----------------|----------|
| | | | | |
| US 20060217401 | A1 | 20060928 | US 2006-388840 | 20060324 |
| US 7423042 | B2 | 20080909 | | |
| WO 2006110298 | A2 | 20061019 | WO 2006-US10908 | 20060324 |

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WO 2006110298
                               20071213
                        A.3
        W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
            CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
            GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR,
            KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX,
            MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE,
            SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC,
            VN, YU, ZA, ZM, ZW
        RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
            IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
            CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
            GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
            KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA
    EP 1868612
                            20071226 EP 2006-748687
                         A2
        R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
            IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL,
            BA, HR, MK, YU
    JP 2008535822
                         т
                               20080904
                                           JP 2008-503249
                                                                  20060324
                                                               P 20050325
PRIORITY APPLN. INFO.:
                                           US 2005-665323P
                                                               W 20060324
                                           WO 2006-US10908
                     CASREACT 145:377379; MARPAT 145:377379
OTHER SOURCE(S):
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* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

- AB The title compds. I or II [Rl = (un)substituted (hetero)aryl; R2, R22 = H, alkyl, cycloalkyl, etc.; Ra = H, alkyl; Rb = alkyl, (CH2)20(CH2)2, CH2C(0)CH2, etc.; R3 = alkyl, cycloalkyl, aryl, etc.], useful in treating CSBP/p38 kinase mediated diseases, were prepared E.g., a multi-step synthesis of III, starting from 4,5-dichloro-2-methylsylfanylpyrimidine-5-carboxaldehyde and 2,6-difluoroaniline, was given. The representative compds. I and II were tested in CSBP/p38 kinase assay and found active. Pharmaceutical composition comprising the compound I or II is disclosed.
- IT 911110-38-8P 911110-39-9P 911110-40-2P 911110-41-3P 911110-42-4P 911110-43-5P
 - 911110-44-6P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of novel cyanoguanidinopyridopyrimidinones for treating CSBP/p38 kinase mediated diseases)

- RN 911110-38-8 CAPLUS
- CN Guanidine, N-cyano-N'-[2-[[8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]ethyl]-(CA INDEX NAME)

RN 911110-39-9 CAPLUS

CN Guanidine, N-cyano-N'-[2-[[8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]ethyl]-N'-methyl- (CA INDEX NAME)

RN 911110-40-2 CAPLUS

CN Guanidine, N-cyano-N''-[2-[[8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]ethyl]-N'-ethyl- (CA INDEX NAME)

- RN 911110-41-3 CAPLUS
- CN Guanidine, N-cyano-N'-[2-[[4-(2,4-difluoropheny1)-8-(2-fluoropheny1)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]ethyl]- (CA INDEX NAME)

- RN 911110-42-4 CAPLUS
- CN Guanidine, N-cyano-N'-[2-[[8-(2,6-difluorophenyl)-7,8-dihydro-4-(2-methylphenyl)-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]ethyl]- (CA INDEX NAME)

- RN 911110-43-5 CAPLUS
- CN Guanidine, N-cyano-N'-[2-[[8-(2,6-difluorophenyl)-4-(4-fluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]ethyl]- (CA INDEX NAME)

- RN 911110-44-6 CAPLUS
- CN Guanidine, N-cyano-N'-[2-[[4-(2,4-difluorophenyl)-8-(2,6-difluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]ethyl]- (CA INDEX NAME)

- IT 444607-56-1P 911110-37-7P 911110-45-7P
 - 911110-47-9P 911110-51-5P 911110-53-7P
 - 911110-55-9P
 - R1: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of novel cyanoguanidinopyridopyrimidinones for treating CSBP/p38 kinase mediated diseases)

- RN 444607-56-1 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-[(2-aminoethyl)amino]-8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)- (CA INDEX NAME)

- RN 911110-37-7 CAPLUS
- CN Carbamimidic acid, N-cyano-N'-[2-[[8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]ethyl]-, phenyl ester (CA INDEX NAME)

- RN 911110-45-7 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-[(2-aminoethyl)amino]-4-(2,4-difluorophenyl)-8-(2-fluorophenyl)- (CA INDEX NAME)

- RN 911110-47-9 CAPLUS
- Carlomamidic acid, N-cyano-N'-[2-[[4-(2,4-difluoropheny1)-8-(2-fluoropheny1)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]ethyl]-, phenyl ester (CA INDEX NAME)

- RN 911110-51-5 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-[(2-aminoethyl)amino]-8-(2,6difluorophenyl)-4-(2-methylphenyl)- (CA INDEX NAME)

911110-53-7 CAPLUS RN

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-[(2-aminoethyl)amino]-8-(2,6difluorophenyl)-4-(4-fluorophenyl)- (CA INDEX NAME)

911110-55-9 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-[(2-aminoethyl)amino]-4-(2,4difluorophenyl)-8-(2,6-difluorophenyl)- (CA INDEX NAME)

REFERENCE COUNT:

156 THERE ARE 156 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2003:855805 CAPLUS

DOCUMENT NUMBER: 139:350748

TITLE: Preparation of 2,4,8-trisubstituted-8H-pyrido[2,3d]pyrimidin-7-ones as CSBP/p38 kinase inhibitors

INVENTOR(S): Boehm, Jeffrey C.; Widdowson, Katherine L.; Callahan, James F.; Wan, Zehong

PATENT ASSIGNEE(S): Smithkline Beecham Corporation, USA

SOURCE: PCT Int. Appl., 68 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

KIND DATE APPLICATION NO. PATENT NO. WO 2003088972 20031030 WO 2003-US12127 20030418 A1 W: AE, AG, AL, AU, BA, BB, BR, BZ, CA, CN, CO, CR, CU, DM, DZ, EC, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MA, MG, MK, MN, MX, NO, NZ, OM, PH, PL, RO, SC, SG, TN, TT, UA, US, UZ, VN, YU, ZA RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG CA 2003-2482022 CA 2482022 A1 20031030 20030418 AU 2003225072 A1 20031103 AU 2003-225072 20030418 EP 1499320 20050126 EP 2003-721779 20030418 A1 EP 1499320 В1 20070822 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK CN 1646131 Α 20050727 CN 2003-808793 20030418 JP 2005529877 Т 20051006 JP 2003-585724 20030418 20070915 AT 370952 Т AT 2003-721779 20030418 ES 2291630 20080301 ES 2003-721779 Т3 20030418 ZA 2004007363 20060222 ZA 2004-7363 A 20040914 IN 2004DN02799 Α 20070302 IN 2004-DN2799 20040920 20050203 MX 2004-PA10267 MX 2004PA10267 Α 20041018 20041118 NO 2004005025 А NO 2004-5025 20041118 A1 20061228 US 2006-511770 US 20060293348 20060303 P 20020419 PRIORITY APPLN. INFO.: US 2002-374219P US 2002-388557P P 20020613 WO 2003-US12127 W 20030418 OTHER SOURCE(S): MARPAT 139:350748

GI

AB The title compds. [I, Rl = (un)substituted aryl, heteroaryl; R3 = alkyl, cycloalkyl, aryl, etc.; X = R2, OR2, SOmR2, etc. (wherein R2 = H, alkyl, cycloalkyl, etc.; m = 0-2)], useful in therapy as CSBP/p38 kinase inhibitors, were prepared E.g., a 5-step synthesis of I [Rl = 2,4-F2C6H3; R3 = 2,4,6-F3C6H2; X = NHCH(CH2OH)2] (starting from 4,6-dichloro-2-methylsuifanylpyrlmidine-5-carbaldehyde and 2,4,6-trifluoroaniline), was given. The representative compds. I demonstrated pos. inhibitory activity in CSBP/p38 kinase assay, having an ICSO of < 10 µM. Pharmaceutical composition comprising compound I is claimed.

T 619327-52-5P 619327-53-6P 619327-54-7P 619327-55-8P 619327-56-9P 619327-57-0P 619327-58-1P 619327-59-2P 619327-60-5P RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (USes)

(preparation of 2,4,8-trisubstituted-8H-pyrido[2,3-d]pyrimidin-7-ones as CSBP/p38 kinase inhibitors)

- RN 619327-52-5 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(2,4-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-8-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

- RN 619327-53-6 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4,8-bis(2,4-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]- (CA INDEX NAME)

- RN 619327-54-7 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(2-fluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-8-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

- RN 619327-55-8 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(4-fluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-8-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

- RN 619327-56-9 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,4-difluoropheny1)-4-(2-fluoropheny1)-2-[[(1S)-2-hydroxy-1-methylethyl]amino]- (CA INDEX NAME)

Absolute stereochemistry.

RN 619327-57-0 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(2,4-difluorophenyl)-8-(4-fluorophenyl)-2-[[(1S)-2-hydroxy-1-methylethyl]amino]- (CA INDEX NAME)

Absolute stereochemistry.

RN 619327-58-1 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4,8-bis(2,4-difluorophenyl)-2-[[(1S)-2-hydroxy-1-methylethyl]amino]- (CA INDEX NAME)

Absolute stereochemistry.

RN 619327-59-2 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(2-chloro-4-fluorophenyl)-8-(2,4difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]- (CA INDEX NAME)

RN 619327-60-5 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(2,4-difluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-8-(2,3,6-trifluorophenyl)- (CA INDEX NAME)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2003:384411 CAPLUS
DOCUMENT NUMBER: 139:230713

TITLE: A convenient synthesis of trisubstituted

pyrido[2,3-d]pyrimidin-7-ones

AUTHOR(S): Kasparec, Jiri; Adams, Jerry L.; Sisko, Joseph; Silva,

Domingos J.

CORPORATE SOURCE: Medicinal Chemistry Department, GlaxoSmithKline,

Collegeville, PA, 19426, USA

SOURCE: Tetrahedron Letters (2003), 44(24), 4567-4570

CODEN: TELEAY; ISSN: 0040-4039

PUBLISHER: Elsevier Science Ltd.

DOCUMENT TYPE: Journal LANGUAGE: English

OTHER SOURCE(S): CASREACT 139:230713

AB A novel, highly efficient and scalable route for the synthesis of

trisubstituted pyrido[2,3-d]pyrimidin-7-ones was developed. The target compds. were synthesized in five steps from readily available reagents in

about 40% overall yield.

IT 444606-14-8P 444606-49-9P 444606-51-3P

RL: SPN (Synthetic preparation); PREP (Preparation)

(synthesis of trisubstituted pyrido[2,3-d]pyrimidin-7-ones via

nucleophilic displacement followed by Suzuki coupling as the key steps)

RN 444606-14-8 CAPLUS

CN Pyrido [2,3-d]pyrimidin-7(8H)-one, 4,8-bis(2-chlorophenyl)-2-[[2-(diethylamino)ethyl]amino]- (CA INDEX NAME)

RN 444606-49-9 CAPLUS
CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4,8-bis(2-chlorophenyl)-2-[(2-hydroxyethyl)amino]- (CA INDEX NAME)

RN 444606-51-3 CAPLUS
CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-[(2-aminoethyl)amino]-4,8-bis(2-chlorophenyl)- (CA INDEX NAME)

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ACCESSION NUMBER: 2002:575047 CAPLUS

DOCUMENT NUMBER: 137:140533

TITLE: Preparation of 2,4,8-trisubstituted-8H-pyrido[2,3-d]pyrinidin-7-ones as CSBP/RK/p38 kinase inhibitors
INVENTOR(S): Adams, Jerry L.; Boehm, Jeffrey C.; Hall, Ralph; Jin,
0j; Kasparec, Jiri; Silva, Domingos J.; Taggart, John

J.

PATENT ASSIGNEE(S): Smithkline Beecham Corporation, USA SOURCE: PCT Int. Appl., 203 pp.

SOURCE: PCT Int. Appl., 203 pp. CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1 PATENT INFORMATION:

PR

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|--|---|--|
| WO 2002059083
WO 2002059083 | A2
A3 | 20020801
20030410 | WO 2001-US50493 | 20011023 |
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HU, ID, IL,
LU, LV, MA, | DK, DM, DZ
IN, IS, JP
MD, MG, MK | , BB, BG, BR, BY, BZ,
, EC, EE, ES, FI, GB,
, KE, KG, KP, KR, KZ,
, MN, MW, MX, MZ, NO,
, SL, TJ, TM, TR, TT, | GD, GE, GH,
LC, LK, LR,
NZ, PH, PL, |
| RW: GH, GM, I
KZ, MD, I
IE, IT, I | RU, TJ, TM,
LU, MC, NL, | MZ, SD, SL
AT, BE, CH | , SZ, TZ, UG, ZW, AM,
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, AL, TR | SE, MC, PT, |
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A | 20060331
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| US 20080032969
RITY APPLN. INFO. | A1: | 20080207 | US 2007-839834 | 20070816
P 20001023 |

US 2001-326618P P 20011002 CN 2001-817819 A3 20011023 NZ 2001-524806 A1 20011023 US 2003-399614 A3 20030418

OTHER SOURCE(S):

AB

MARPAT 137:140533

(CH2) nNR10COR2, (CH2) nNR4R14, or (CH2) nN(R2)2; R1 = (un) substituted (hetero)aryl; R2 = H, (un)substituted alkyl, cycloalkyl(alkyl), (hetero)aryl(alkyl), heterocyclyl(alkyl), alkylamino, alkoxy, alkylthio, alkylsulfinyl, alkylsulfonyl, etc.; R3 = (un)substituted alkyl, cycloalkyl(alkyl), (hetero)aryl(alkyl), or heterocyclyl; R4 and R14 = independently H or (un) substituted alkyl, cycloalkyl (alkyl), or aryl(alkyl); or NR4R14 = (un)substituted heterocyclyl; R10 = H or alkyl; n = 0-10] were prepared as CSBP/p38 kinase inhibitors. For example, sequential coupling of 4.6-dichloro-2-methylsulfanylpyrimidine-5carbaldehyde with aniline (76%) and phenylboronic acid (70%) gave 2-methylsulfanyl-4-phenyl-6-phenylaminopyrimidine-5-carbaldehyde. Cyclization with bis(2,2,2-trifluoroethyl)(methoxycarbonylmethyl)phosphona te in the presence of 18-crown-6 and bis(trimethylsilyl)amide in THF afforded the 8H-pyrido[2,3-d]pyrimidin-7-one II (91%). The latter exhibited pos. inhibitory activity in the CSBP/p38 kinase binding assay with IC50 < 10 µM. I are useful for the treatment of a variety of CSBP/p38 kinase mediated diseases, such as arthritis, sepsis, stroke, asthma, pulmonary disease, osteoporosis, congestive heart failure, the common cold or respiratory viral infections, etc. (no data). IΤ 444606-53-5P, [[4,8-Bis(2-chlorophenyl)-7-oxo-7,8dihydropyrido[2,3-d]pyrimidin-2-yl]amino]acetic acid ethyl ester 444606-75-1P, N-[8-(2,6-Difluorophenvl)-4-(4-fluoro-2methylphenyl)-7-oxo-7,8-dihydropyrido[2,3-d]pyrimidin-2vl]methanesulfonamide 444607-43-6P, 2-(1,1-Dimethyl-2hydroxyethylamino)-4-(4-fluoro-2-methylphenyl)-8-(2-fluorophenyl)-8Hpyrido[2,3-d]pyrimidin-7-one 444607-56-1P, 8-(2,6-Difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[(2-aminoethyl)amino]-8Hpyrido[2,3-d]pyrimidin-7-one 444607-68-5P 444607-91-4P 444607-93-6P 444608-14-4P, 2-[[8-(2,6-Difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7-oxo-7,8-dihydropyrido[2,3-d]pyrimidin-2yl]amino]-N-(2-methoxyethyl)acetamide 444608-15-5P, 3-[[8-(2,6-Difluorophenyl])-4-(4-fluoro-2-methylphenyl)-7-oxo-7,8dihydropyrido[2,3-d]pyrimidin-2-y1]amino]propionitrile 444608-29-1P, 8-(2,6-Difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-(3-methylsulfanylpropylamino)-8H-pyrido[2,3-d]pyrimidin-7-one 444608-52-0P, 8-(2,6-Difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-(2-oxo-2-thiomorpholin-4-ylethylamino)-8H-pyrido[2,3-d]pyrimidin-7-one

Title compds. I [wherein X = R2, OR2, SO0-2R2, (CH2) nNR10SO0-2R2,

CN

444608-63-3P, 3-[[8-(2,6-Difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7-oxo-7,8-dihydropyrido[2,3-d]pyrimidin-2-yl]amino]-N-hydroxypropionamidine

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(CSBP/p38 kinase inhibitor; preparation of pyridopyrimidinones as CSBP/RK/p38 kinase inhibitors by cyclization reactions of (phenylamino)pyrimidinecarbaldehyde derivs.)

RN 444606-53-5 CAPLUS

Glycine, N-[4,8-bis(2-chlorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]-, ethyl ester (CA INDEX NAME)

RN 444606-75-1 CAPLUS

CN Methanesulfonamide, N-[8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]- (CA INDEX NAME)

RN 444607-43-6 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(4-fluoro-2-methylphenyl)-8-(2-fluorophenyl)-2-[(2-hydroxy-1,1-dimethylethyl)amino]- (CA INDEX NAME)

- RN 444607-56-1 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-[(2-aminoethyl)amino]-8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)- (CA INDEX NAME)

- RN 444607-68-5 CAPLUS
- CN Carbamic acid, [2-[[2-[8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]ethyl]amino]-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

- RN 444607-91-4 CAPLUS
- CN Glycine, N-[8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]-, methyl ester (CA INDEX NAME)

- RN 444607-93-6 CAPLUS
- CN Glycine, N-[8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]- (CA INDEX NAME)

RN 444608-14-4 CAPLUS CN Acetamide, 2-[[8-(2,

N Acetamide, 2-[[8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]-N-(2-methoxyethyl)- (CA INDEX NAME)

RN 444608-15-5 CAPLUS

CN Propanenitrile, 3-[[8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]- (CA INDEX NAME)

- RN 444608-29-1 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[[3-(methylthio)propyl]amino]- (CA INDEX NAME)

- RN 444608-52-0 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2methylphenyl)-2-[[2-oxo-2-(4-thiomorpholinyl)ethyl]amino]- (CA INDEX NAME)

RN 444608-63-3 CAPLUS

CN Propanimidamide, 3-[[8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]-N-hydroxy- (CA INDEX NAME)

444606-12-6P, 2-(2-Diethylaminoethylamino)-4,8-diphenyl-8Hpyrido[2,3-d]pyrimidin-7-one 444606-13-7P, 2-(2-Diethylaminoethylamino)-8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-8H-pvrido[2,3-d]pvrimidin-7-one 444606-14-8P, 4,8-Bis(2-chlorophenyl)-2-(2-diethylaminoethylamino)-8H-pyrido[2,3d]pyrimidin-7-one 444606-16-0P, 8-(2-Chlorophenyl)-2-(2diethylaminoethylamino)-4-(2-fluorophenyl)-8H-pyrido[2,3-d]pyrimidin-7-one 444606-18-2P, 8-(2,6-Difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[(2-hydroxy-1-hydroxymethylethyl)amino]-8H-pyrido[2,3-d]pyrimidin-7-one 444606-19-3P, 4,8-Bis(2-chlorophenyl)-2-[(2-hydroxy-1hydroxymethylethyl)amino]-8H-pyrido[2,3-d]pyrimidin-7-one 444606-33-1P, 4-(4-Fluoro-2-methylphenyl)-8-(2-fluorophenyl)-2-[(2hydroxy-1-hydroxymethylethyl)amino]-8H-pyrido[2,3-d]pyrimidin-7-one 444606-35-3P, 4,8-Bis(2-fluorophenyl)-2-[(2-hydroxy-1hydroxymethylethyl)amino]-8H-pyrido[2,3-d]pyrimidin-7-one 444606-37-5P, 8-(2,6-Difluorophenyl)-4-(2-fluorophenyl)-2-[(2hydroxy-1-hydroxymethylethyl)amino]-8H-pyrido[2,3-d]pyrimidin-7-one 444606-41-1P, 4,8-Bis(2-chloropheny1)-2-[(2dimethylaminoethyl)amino]-8H-pyrido[2,3-d]pyrimidin-7-one

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444606-42-2P, 4,8-Bis(2-chlorophenyl)-2-(piperidin-4-ylamino)-8H-
pyrido[2,3-d]pyrimidin-7-one 444606-45-5P, 4,8-Bis(2-
chlorophenv1)-2-(1-methylpiperidin-4-vlamino)-8H-pyrido[2,3-d]pyrimidin-7-
one 444606-47-7P, 4,8-Bis(2-chloropheny1)-2-[(2-hydroxy-1-
hydroxymethyl-1-methylethyl)amino]-8H-pyrido[2,3-d]pyrimidin-7-one
444606-49-9P, 4,8-Bis(2-chlorophenyl)-2-(2-hydroxyethylamino)-8H-
pyrido[2,3-d]pyrimidin-7-one 444606-51-3P, 2-(2-Aminoethylamino)-
4.8-bis(2-chlorophenvl)-8H-pyrido[2.3-d]pyrimidin-7-one
444606-55-7P, [[4,8-Bis(2-chlorophenyl)-7-oxo-7,8-
dihydropyrido[2,3-d]pyrimidin-2-y1]amino]acetic acid 444606-65-9P
, 8-(2,6-Difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-(2-
hydroxyethylamino)-8H-pyrido[2,3-d]pyrimidin-7-one 444606-67-1P,
8-(2,6-Difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[(1-methylpiperidin-4-
yl)amino]-8H-pyrido[2,3-d]pyrimidin-7-one 444606-68-2P,
N-(7-0xo-4,8-diphenyl-7,8-dihydropyrido[2,3-d]pyrimidin-2-
yl)methanesulfonamide 444606-69-3P, N-[4,8-Bis(2-fluorophenyl)-7-
oxo-7,8-dihydropyrido[2,3-d]pyrimidin-2-yl]methanesulfonamide
444606-73-9P, N-[8-(2,6-Difluorophenyl)-4-(2-fluorophenyl)-7-oxo-
7,8-dihydropyrido[2,3-d]pyrimidin-2-v1]methanesulfonamide
444606-99-9P, 2-Amino-8-(2,6-difluorophenvl)-4-(2-fluorophenvl)-8H-
pyrido[2,3-d]pyrimidin-7-one 444607-08-3P, N-[8-(2,6-
Difluorophenv1)-4-(4-fluoro-2-methylphenv1)-7-oxo-7.8-dihydropyrido|2.3-
dlpyrimidin-2-vll-N-methylmethanesulfonamide 444607-23-2P.
8-(2,6-Dimethylphenyl)-4-(4-fluoro-2-methylphenyl)-2-(2-hydroxyethylamino)-
8H-pyrido[2,3-d]pyrimidin-7-one 444607-24-3P,
8-(2,6-Dimethylphenyl)-4-(4-fluoro-2-methylphenyl)-2-[(2-hydroxy-1-
hydroxymethylethyl)amino]-8H-pyrido[2,3-d]pyrimidin-7-one
444607-25-4P, 4-(4-Fluoro-2-methylphenyl)-2-[(2-hydroxy-1-
hydroxymethylethyl)amino]-8-(o-tolyl)-8H-pyrido[2,3-d]pyrimidin-7-one
444607-26-5P, 4-(4-Fluoro-2-methylphenyl)-2-(2-hydroxyethylamino)-
8-o-tolv1-8H-pyrido[2,3-d]pyrimidin-7-one 444607-36-7P,
4-(4-Fluoro-2-methylphenyl)-8-(2-fluorophenyl)-2-(2-hydroxyethylamino)-8H-
pyrido[2,3-d]pyrimidin-7-one 444607-37-8P, (S)-4-(4-Fluoro-2-
methylphenyl)-8-(2,6-difluorophenyl)-2-[(1-hydroxyprop-2-yl)amino]-8H-
pyrido[2,3-d]pyrimidin-7-one 444607-38-9P, (R)-4-(4-Fluoro-2-
methylphenyl)-8-(2,6-difluorophenyl)-2-[(1-hydroxyprop-2-yl)amino]-8H-
pyrido[2,3-d]pyrimidin-7-one 444607-39-0P, 4-(4-Fluoro-2-
methylphenyl)-8-(2,6-difluorophenyl)-2-(1,1-dimethyl-2-hydroxyethylamino)-
8H-pvrido[2,3-d]pvrimidin-7-one 444607-40-3P,
2-Ethylamino-4-(4-fluoro-2-methylphenyl)-8-(2-fluorophenyl)-8H-pyrido(2,3-
d]pyrimidin-7-one 444607-41-4P, (S)-4-(4-Fluoro-2-methylphenyl)-
8-(2-fluorophenyl)-2-[(1-hydroxyprop-2-yl)amino]-8H-pyrido[2,3-d]pyrimidin-
7-one 444607-42-5P, (R)-4-(4-Fluoro-2-methylphenyl)-8-(2-
fluorophenyl)-2-[(1-hydroxyprop-2-yl)amino]-8H-pyrido[2,3-d]pyrimidin-7-
one 444607-45-8P, 2-Cyclohexylamino-4-(4-fluoro-2-methylphenyl)-
8-(2-fluorophenyl)-8H-pyrido[2,3-d]pyrimidin-7-one 444607-46-9P,
2-(Tetrahydropyran-4-vlamino)-4-(4-fluoro-2-methylphenyl)-8-(2-
fluorophenyl)-8H-pyrido[2,3-d]pyrimidin-7-one 444607-47-0P,
2-Ethylamino-4-(4-fluoro-2-methylphenyl)-8-(2,6-difluorophenyl)-8H-
pyrido[2,3-d]pyrimidin-7-one 444607-48-1P, 2-Cyclohexylamino-4-
(4-fluoro-2-methylphenyl)-8-(2,6-difluorophenyl)-8H-pyrido[2,3-d]pyrimidin-
7-one 444607-49-2P, 2-(Tetrahydropyran-4-ylamino)-4-(4-fluoro-2-
methylphenyl)-8-(2,6-difluorophenyl)-8H-pyrido[2,3-d]pyrimidin-7-one
444607-50-5P, 2-(2,2,2-Trifluoroethylamino)-4-(4-fluoro-2-
methylphenyl)-8-(2-fluorophenyl)-8H-pyrido[2,3-d]pyrimidin-7-one
444607-51-6P, trans-2-(4-Hydroxycyclohexylamino)-4-(4-fluoro-2-
methylphenyl)-8-(2-fluorophenyl)-8H-pyrido[2,3-d]pyrimidin-7-one
444607-52-7P, 2-[(1-Hydroxymethyl-1-methyl-2-hydroxyethyl)amino]-4-
(4-fluoro-2-methylphenyl)-8-(2-fluorophenyl)-8H-pyrido[2,3-d]pyrimidin-7-
one 444607-53-8P, 2-(2,2,2-Trifluoroethylamino)-4-(4-fluoro-2-
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methylphenyl)-8-(2,6-difluorophenyl)-8H-pyrido[2,3-d]pyrimidin-7-one
444607-54-9P, trans-2-(4-Hydroxycyclohexylamino)-4-(4-fluoro-2-
methylphenyl)-8-(2,6-difluorophenyl)-8H-pyrido[2,3-d]pyrimidin-7-one
444607-57-2P, 1-[2-[[8-(2,6-Difluorophenyl)-4-(4-fluoro-2-
methylphenyl)-7-oxo-7,8-dihydropyrido[2,3-d]pyrimidin-2-yl]amino]ethyl]-3-
ethylurea 444607-58-3P, 1-[2-[[8-(2,6-Difluorophenyl)-4-(4-
fluoro-2-methylphenyl)-7-oxo-7,8-dihydropyrido[2,3-d]pyrimidin-2-
vllaminolethvll-3-phenvlurea 444607-59-4P, 1-[2-[[8-(2,6-
Difluorophenvl)-4-(4-fluoro-2-methylphenyl)-7-oxo-7,8-dihydropyrido[2,3-
d]pyrimidin-2-yl]amino]ethyl]-3-cyclohexylurea 444607-60-7P,
1-[2-[[8-(2,6-Difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7-oxo-7,8-
dihydropyrido[2,3-d]pyrimidin-2-yl]amino[ethyl]-3-(3-fluorophenyl)urea
444607-61-8P 444607-62-9P 444607-63-0P
444607-64-1P 444607-65-2P 444607-66-3P
444607-67-4P 444607-69-6P 444607-70-9P
444607-71-0P, 8-(2,6-Difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-
[N-(2,2-dimethyl-2-hydroxyethyl)amino]-8H-pyrido[2,3-d]pyrimidin-7-one
444607-72-1P 444607-73-2P 444607-74-3P
444607-76-5P 444607-77-6P 444607-78-7P
444607-79-8P 444607-89-0P, 8-(2,6-Difluorophenyl)-4-(4-
fluoro-2-methylphenyl)-2-(2-chloroethylamino)-8H-pyrido(2,3-d)pyrimidin-7-
one 444607-90-3P 444607-94-7P 444607-95-8P
444607-96-9P, 4-(4-Fluoro-2-methylphenyl)-2-((R)-2-hydroxy-1-
methylethylamino)-8-o-tolyl-8H-pyrido[2,3-d]pyrimidin-7-one
444607-97-0P, 4-(4-Fluoro-2-methylphenyl)-2-[(trans-4-
hydroxycyclohexyl)aminol-8-o-tolyl-8H-pyrido[2,3-d]pyrimidin-7-one
444607-98-1P, 4-(4-Fluoro-2-methylphenyl)-2-((S)-2-hydroxy-1-
methylethylamino)-8-o-tolyl-8H-pyrido[2,3-d]pyrimidin-7-one
444608-00-8P, 4-(4-Fluoro-2-methylphenyl)-2-(2-hydroxy-1,1-
dimethylethylamino)-8-o-tolyl-8H-pyrido[2,3-d]pyrimidin-7-one
444608-01-9P, 2-Ethylamino-4-(4-fluoro-2-methylphenyl)-8-o-tolyl-
8H-pyrido[2,3-d]pyrimidin-7-one 444608-03-1P,
2-Cvclohexvlamino-4-(4-fluoro-2-methylphenyl)-8-o-tolyl-8H-pyrido[2,3-
d]pyrimidin-7-one 444608-05-3P, 4-(4-Fluoro-2-methylphenyl)-2-
(tetrahydropyran-4-ylamino)-8-o-tolyl-8H-pyrido[2,3-d]pyrimidin-7-one
444608-07-5P, 4-(4-Fluoro-2-methylphenyl)-8-o-tolyl-2-(2,2,2-
trifluoroethylamino)-8H-pyrido[2,3-d]pyrimidin-7-one 444608-08-6P
, 4-(4-Fluoro-2-methylphenyl)-2-[(2-hydroxy-1-hydroxymethyl-1-
methylethyl)aminol-8-o-tolyl-8H-pyrido[2,3-d]pyrimidin-7-one
444608-11-1P, 2-[[8-(2,6-Difluorophenyl)-4-(4-fluoro-2-
methylphenyl)-7-oxo-7,8-dihydropyrido[2,3-d]pyrimidine-2-yl]amino]-N,N-
dimethylacetamide 444608-13-3P, 8-(2,6-Difluorophenyl)-4-(4-
fluoro-2-methylphenyl)-2-[(2-oxo-2-pyrrolidin-1-ylethyl)amino]-8H-
pyrido[2,3-d]pyrimidin-7-one 444608-18-8P, 8-(2,6-
Difluorophenvl)-4-(4-fluoro-2-methylphenvl)-2-[[(1SR, 2SR)-2-
hvdroxvcvclohexvllaminol-8H-pvrido[2,3-d]pvrimidin-7-one
444608-20-2P, 2-[[8-(2,6-Difluorophenyl)-4-(4-fluoro-2-
methylphenyl)-7-oxo-7,8-dihydropyrido[2,3-d]pyrimidin-2-yl]aminol-N-(2-
hydroxyethyl)acetamide 444608-22-4P, 8-(2,6-Difluorophenyl)-4-(4-
fluoro-2-methylphenyl)-2-[[2-(1H-tetrazol-5-yl)ethyl]amino]-8H-pyrido[2,3-
d]pvrimidin-7-one 444608-23-5P, N-Cvclopropv1-2-[[8-(2,6-
difluorophenvl)-4-(4-fluoro-2-methylphenvl)-7-oxo-7,8-dihydropyrido[2,3-
dlpvrimidin-2-vllaminolacetamide 444608-25-7P.
8-(2,6-Difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[(1H-tetrazol-5-
ylmethyl)amino]-8H-pyrido[2,3-d]pyrimidin-7-one 444608-28-0P,
8-(2,6-Difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[(1SR,2SR)-2-
hydroxycyclopentylamino]-8H-pyrido[2,3-d]pyrimidin-7-one
444608-30-4P, 8-(2,6-Difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-
(3-methanesulfonylpropylamino)-8H-pyrido[2,3-d]pyrimidin-7-one
444608-31-5P, 8-(2,6-Difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-
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[[2-oxo-2-(3-oxopiperazin-1-v1)ethyl]amino[-8H-pyrido[2,3-d]pyrimidin-7-
one 444608-32-6P, 8-(2,6-Difluorophenyl)-4-(4-fluoro-2-
methylphenyl)-2-[[(5-methyl-4H-[1,2,4]triazol-3-yl)methyl]amino]-8H-
pyrido[2,3-d]pyrimidin-7-one 444608-33-7P, 8-(2,6-
Difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[(1,1-dioxotetrahydro-1-
thiophen-3-vlmethyl)amino]-8H-pyrido[2,3-d]pyrimidin-7-one
444608-35-9P, 8-(2,6-Difluorophenv1)-4-(4-fluoro-2-methylphenv1)-2-
[(3-methylisoxazol-5-vlmethyl)amino]-8H-pyrido[2,3-d]pyrimidin-7-one
444608-37-1P, 8-(2,6-Difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-
[[(3S,4S)-4-hydroxy-1,1-dioxotetrahydrothiophen-3-yl]amino]-8H-pyrido[2,3-
d]pyrimidin-7-one 444608-39-3P, 8-(2,6-Difluorophenyl)-4-(4-
fluoro-2-methylphenyl)-2-[(2-oxo-2,3-dihydropyrimidin-4-yl)amino]-8H-
pyrido[2,3-d]pyrimidin-7-one 444608-40-6P, 8-(2,6-
Difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[(1H-imidazol-2-
ylmethyl)amino]-8H-pyrido[2,3-d]pyrimidin-7-one 444608-41-7P,
8-(2,6-Difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[(1H-[1,2,4]triazol-3-
yl)amino]-8H-pyrido[2,3-d]pyrimidin-7-one 444608-42-8P,
8-(2,6-Difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-(1H-tetrazol-5-
vlamino)-8H-pyrido[2,3-d]pyrimidin-7-one 444608-43-9P,
8-(2,6-Difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-(2-methoxyethylamino)-
8H-pvrido[2,3-d]pvrimidin-7-one 444608-44-0P.
8-(2,6-Difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-(tetrahydrofuran-3-
ylamino)-8H-pyrido[2,3-d]pyrimidin-7-one 444608-46-2P,
8-(2,6-Difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[(2-
hydroxyethyl) (methyl) amino] -8H-pyrido[2,3-d]pyrimidin-7-one
444608-47-3P, 8-(2,6-Difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-
[[2-(1H-imidazol-4-yl)ethyl]amino]-8H-pyrido[2,3-d]pyrimidin-7-one
444608-48-4P, 2-[8-(2,6-Difluorophenyl)-4-(4-fluoro-2-
methylphenyl)-7-oxo-7,8-dihydropyrido[2,3-d]pyrimidine-2-ylamino]acetamide
444608-49-5P, Cyclopropanecarboxylic acid [8-(2,6-difluorophenyl)-
4-(4-fluoro-2-methylphenyl)-7-oxo-7,8-dihydropyrido[2,3-d]pyrimidine-2-
yl]amide 444608-51-9P, Cyclopropanecarboxylic acid
(1-cyclopropylmethanoy1)[8-(2,6-difluoropheny1)-4-(4-fluoro-2-
methylphenyl)-7-oxo-7,8-dihydropyrido[2,3-d]pyrimidin-2-yl]amide
444608-53-1P, 8-(2,6-Difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-
[(tetrahydrofuran-2-ylmethyl)amino]-8H-pyrido[2,3-d]pyrimidin-7-one
444608-54-2P, 8-(2,6-Difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-
[[2-(3-hydroxyazetidin-1-v1)-2-oxoethyl]amino]-8H-pyrido[2,3-d]pyrimidin-7-
one 444608-55-3P, 4-(4-Fluoro-2-methylphenyl)-2-((R)-2-
hydroxypropylamino)-8-o-tolyl-8H-pyrido[2,3-d]pyrimidin-7-one
444608-56-4P, 4-(4-Fluoro-2-methylphenyl)-2-(2-hydroxy-2-
methylpropylamino)-8-o-tolyl-8H-pyrido[2,3-d]pyrimidin-7-one
444608-57-5P, (1SR, 2RS)-2-[[8-(2,6-Difluorophenyl)-4-(4-fluoro-2-
methylphenyl)-7-oxo-7,8-dihydropyrido[2,3-d]pyrimidin-2-
vl]amino]cvclopentanecarboxamide 444608-59-7P,
4-(4-Fluoro-2-methylphenyl)-2-((S)-2-hydroxypropylamino)-8-o-tolyl-8H-
pyrido[2,3-d]pyrimidin-7-one 444608-60-0P, 8-(2,6-
Difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-methylamino-8H-pyrido[2,3-
d]pyrimidin-7-one 444608-61-1P, 8-(2,6-Difluorophenyl)-2-[[2-
(1,1-dioxothiomorpholin-4-v1)-2-oxoethyl]amino]-4-(4-fluoro-2-
methylphenyl)-8H-pyrido[2,3-d]pyrimidin-7-one 444608-62-2P,
8-(2,6-Difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[3-(2-oxopyrrolidin-1-
yl)propylamino]-8H-pyrido[2,3-d]pyrimidin-7-one 444608-65-5P,
8-(2,6-Difluoropheny1)-4-(4-fluoro-2-methylpheny1)-2-[[2-(5-oxo-4,5-c)]]
dihydro[1,2,4]oxadiazol-3-yl)ethyl]amino]-8H-pyrido[2,3-d]pyrimidin-7-one
444608-84-8P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)
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(CSBP/p38 kinase inhibitor; preparation of pyridopyrimidinones as

CSBP/RK/p38 kinase inhibitors by cyclization reactions of

(phenylamino)pyrimidinecarbaldehyde derivs.)

RN 444606-12-6 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-[[2-(diethylamino)ethyl]amino]-4,8-diphenyl- (CA INDEX NAME)

RN 444606-13-7 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-[[2-(diethylamino)ethyl]amino]-8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)- (CA INDEX NAME)

RN 444606-14-8 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4,8-bis(2-chlorophenyl)-2-[[2-(diethylamino)ethyl]amino]- (CA INDEX NAME)

RN

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2-chlorophenyl)-2-[[2-(diethylamino)ethyl]amino]-4-(2-fluorophenyl)- (CA INDEX NAME)

- RN 444606-18-2 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2methylphenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]- (CA INDEX NAME)

- RN 444606-19-3 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4,8-bis(2-chlorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]- (CA INDEX NAME)

RN 444606-33-1 CAPLUS CN Pyridol(2,3-d)pyrimidin-7(8H)-one, 4-(4-fluoro-2-methylphenyl)-8-(2-fluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]- (CA INDEX NAME)

- RN 444606-35-3 CAPLUS
 CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4,8-bis(2-fluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]- (CA INDEX NAME)
- HO-CH2 F N N N O

RN

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(2fluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]- (CA INDEX NAME)

- RN 444606-41-1 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4,8-bis(2-chlorophenyl)-2-[[2-(dimethylamino)ethyl]amino]- (CA INDEX NAME)

- RN 444606-42-2 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4,8-bis(2-chlorophenyl)-2-(4-piperidinylamino)- (CA INDEX NAME)

- RN 444606-45-5 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4,8-bis(2-chlorophenyl)-2-[(1-methyl-4piperidinyl)amino]- (CA INDEX NAME)

- RN 444606-47-7 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4,8-bis(2-chloropheny1)-2-[[2-hydroxy-1-(hydroxymethy1)-1-methylethy1]amino]- (CA INDEX NAME)

- RN 444606-49-9 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4,8-bis(2-chlorophenyl)-2-[(2hydroxyethyl)amino]- (CA INDEX NAME)

- RN 444606-51-3 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-[(2-aminoethy1)amino]-4,8-bis(2chloropheny1)- (CA INDEX NAME)

- RN 444606-55-7 CAPLUS
- CN Glycine, N-[4,8-bis(2-chlorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]- (CA INDEX NAME)

- RN 444606-65-9 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2methylphenyl)-2-[(2-hydroxyethyl)amino]- (CA INDEX NAME)

- RN 444606-67-1 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[(1-methyl-4-piperidinyl)amino]- (CA INDEX NAME)

- RN 444606-68-2 CAPLUS
- CN Methanesulfonamide, N-(7,8-dihydro-7-oxo-4,8-diphenylpyrido[2,3-d]pyrimidin-2-yl)- (CA INDEX NAME)

- RN 444606-69-3 CAPLUS
- CN Methanesulfonamide, N-[4,8-bis(2-fluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]- (CA INDEX NAME)

- RN 444606-73-9 CAPLUS
- CN Methanesulfonamide, N-[8-(2,6-difluorophenyl)-4-(2-fluorophenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]- (CA INDEX NAME)

- RN 444606-99-9 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-amino-8-(2,6-difluorophenyl)-4-(2-fluorophenyl)- (CA INDEX NAME)

- RN 444607-08-3 CAPLUS
- CN Methanesulfonamide, N-[8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]-N-methyl- (CA INDEX NAME)

RN 444607-23-2 CAPLUS
CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-dimethylphenyl)-4-(4-fluoro-2-methylphenyl)-2-[(2-hydroxyethyl)amino]- (CA INDEX NAME)

RN 444607-24-3 CAPLUS

Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-dimethylphenyl)-4-(4-fluoro-2-methylphenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]- (CA INDEX NAME)

- RN 444607-25-4 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(4-fluoro-2-methylphenyl)-2-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-8-(2-methylphenyl)- (CA INDEX NAME)

- RN 444607-26-5 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(4-fluoro-2-methylphenyl)-2-[(2hydroxyethyl)amino]-8-(2-methylphenyl)- (CA INDEX NAME)

- RN 444607-36-7 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(4-fluoro-2-methylphenyl)-8-(2fluorophenyl)-2-[(2-hydroxyethyl)amino]- (CA INDEX NAME)

- RN 444607-37-8 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[[(1S)-2-hydroxy-1-methylethyl]amino]- (CA INDEX NAME)

- RN 444607-38-9 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[[(1R)-2-hydroxy-1-methylethyl]amino]- (CA INDEX NAME)

- RN 444607-39-0 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[(2-hydroxy-1,1-dimethylethyl)amino]- (CA INDEX NAME)

- RN 444607-40-3 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-(ethylamino)-4-(4-fluoro-2-methylphenyl)-8-(2-fluorophenyl)- (CA INDEX NAME)

- RN 444607-41-4 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(4-fluoro-2-methylphenyl)-8-(2-fluorophenyl)-2-[[(1S)-2-hydroxy-1-methylethyl]amino]- (CA INDEX NAME)

- RN 444607-42-5 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(4-fluoro-2-methylphenyl)-8-(2-fluorophenyl)-2-[[(1R)-2-hydroxy-1-methylethyl]amino]- (CA INDEX NAME)

- RN 444607-45-8 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-(cyclohexylamino)-4-(4-fluoro-2-methylphenyl)-8-(2-fluorophenyl)- (CA INDEX NAME)

- RN 444607-46-9 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(4-fluoro-2-methylphenyl)-8-(2-fluorophenyl)-2-[(tetrahydro-2H-pyran-4-yl)amino]- (CA INDEX NAME)

- RN 444607-47-0 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-(ethylamino)-4-(4-fluoro-2-methylphenyl)- (CA INDEX NAME)

- RN 444607-48-1 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-(cyclohexylamino)-8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)- (CA INDEX NAME)

- RN 444607-49-2 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[(tetrahydro-2H-pyran-4-yl)amino]- (CA INDEX NAME)

- RN 444607-50-5 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(4-fluoro-2-methylphenyl)-8-(2-fluorophenyl)-2-[(2,2,2-trifluoroethyl)amino]- (CA INDEX NAME)

- RN 444607-51-6 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(4-fluoro-2-methylphenyl)-8-(2-fluorophenyl)-2-[(trans-4-hydroxycyclohexyl)amino]- (CA INDEX NAME)

Relative stereochemistry.

RN 444607-52-7 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(4-fluoro-2-methylphenyl)-8-(2-fluorophenyl)-2-[[2-hydroxy-1-(hydroxymethyl)-1-methylethyl]amino]- (CA INDEX NAME)

RN 444607-53-8 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[(2,2,2-trifluoroethyl)amino]- (CA INDEX NAME)

- RN 444607-54-9 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[(trans-4-hydroxycyclohexyl)amino]- (CA INDEX NAME)

Relative stereochemistry.

- RN 444607-57-2 CAPLUS
- CN Urea, N-[2-[[8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]ethyl]-N'-ethyl- (9CI) (CA INDEX NAME)

- RN 444607-58-3 CAPLUS
- CN Urea, N-[2-[[8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]ethyl]-N'-phenyl- (CA INDEX NAME)

- RN 444607-59-4 CAPLUS
- CN Urea, N-cyclohexyl-N'-[2-[[8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]ethyl]-(CA INDEX NAME)

- RN 444607-60-7 CAPLUS
- CN Urea, N-[2-[[8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7,8dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]ethyl]-N'-(3-fluorophenyl)(CA INDEX NAME)

- RN 444607-61-8 CAPLUS
- CN Urea, N-[2-[[8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7,8dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]ethyl]-N'-methyl- (CA
 INDEX NAME)

RN 444607-62-9 CAPLUS
CN Benzamide, N-[2-[[8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]ethyl]- (CA INDEX NAME)

RN 444607-63-0 CAPLUS

CN Carbamic acid, [2-[[8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]ethyl]-, ethyl ester (9CI) (CA INDEX NAME)

$$\begin{picture}(20,0) \put(0,0){\line(1,0){100}} \put(0,0){\line(1,0){100$$

- RN 444607-64-1 CAPLUS
- CN Propanamide, N-[2-[[8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]ethyl]- (CA INDEX NAME)

- RN 444607-65-2 CAPLUS
- CN Propanamide, N-[2-[[8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]ethyl]-2,2-dimethyl- (CA INDEX NAME)

- RN 444607-66-3 CAPLUS
- CN Carbamic acid, [2-[[8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]ethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

- RN 444607-67-4 CAPLUS
- CN 2,4(1H,3H)-Pyrimidinedione, 5-[[8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]- (CA INDEX NAME)

RN 444607-69-6 CAPLUS CN Acetamide, 2-amino-1

Acetamide, 2-amino-N-[2-[[8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]ethyl]-(CA INDEX NAME)

RN 444607-70-9 CAPLUS

CN Acetamide, 2-amino-N-[2-[[8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]ethyl]-, 2,2,2-trifluoroacetate (1:2) (CA INDEX NAME)

CM 1

CRN 444607-69-6

CMF C24 H21 F3 N6 O2

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 444607-71-0 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[(2-hydroxy-2-methylpropyl)amino]- (CA INDEX NAME)

RN 444607-72-1 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[[(2S)-2-hydroxypropyl]amino]- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

RN 444607-73-2 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2methylphenyl)-2-[[(2R)-2-hydroxypropyl]amino]- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).

RN 444607-74-3 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[[(2R)-2-hydroxy-2-phenylethyl]amino]- (CA INDEX NAME)

- RN 444607-76-5 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[[2-hydroxy-1,1-bis(hydroxymethyl)ethyl]amino]- (CA INDEX NAME)

- RN 444607-77-6 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(4-fluoro-2-methylphenyl)-8-(2-fluorophenyl)-2-[(2-hydroxy-2-methylpropyl)amino]- (CA INDEX NAME)

RN 444607-78-7 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(4-fluoro-2-methylphenyl)-8-(2fluorophenyl)-2-[[(2S)-2-hydroxypropyl]amino]- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

RN 444607-79-8 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(4-fluoro-2-methylphenyl)-8-(2fluorophenyl)-2-[[(2R)-2-hydroxypropyl]amino]- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).

- RN 444607-89-0 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-[(2-chloroethyl)amino]-8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)- (CA INDEX NAME)

- RN 444607-90-3 CAPLUS
- CN Methanesulfonamide, N-[2-[[8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]ethyl]-(CA INDEX NAME)

RN 444607-94-7 CAPLUS
CN Acetamide, 2-[[8-(2,6-difluoropheny1)-4-(4-fluoro-2-methylpheny1)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]-N-ethyl- (CA INDEX NAME)

RN 444607-95-8 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[[2-(4-morpholinyl)-2-oxoethyl]amino]- (CA INDEX NAME)

- RN 444607-96-9 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(4-fluoro-2-methylphenyl)-2-[[(1R)-2-hydroxy-1-methylethyl]amino]-8-(2-methylphenyl)- (CA INDEX NAME)

- RN 444607-97-0 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(4-fluoro-2-methylphenyl)-2-[(trans-4-hydroxycyclohexyl)amino]-8-(2-methylphenyl)- (CA INDEX NAME)

Relative stereochemistry.

- RN 444607-98-1 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(4-fluoro-2-methylphenyl)-2-[[(1S)-2-hydroxy-1-methylethyl]amino]-8-(2-methylphenyl)- (CA INDEX NAME)

- RN 444608-00-8 CAPLUS
- CN Pyrido[2,3-d]pyrinidin-7(8H)-one, 4-(4-fluoro-2-methylpheny1)-2-[(2-hydroxy-1,1-dimethylethyl)amino]-8-(2-methylpheny1)- (CA INDEX NAME)

- RN 444608-01-9 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-(ethylamino)-4-(4-fluoro-2-methylphenyl)-8-(2-methylphenyl)- (CA INDEX NAME)

- RN 444608-03-1 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-(cyclohexylamino)-4-(4-fluoro-2-methylphenyl)-8-(2-methylphenyl)- (CA INDEX NAME)

- RN 444608-05-3 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(4-fluoro-2-methylphenyl)-8-(2-methylphenyl)-2-[(tetrahydro-2H-pyran-4-yl)amino]- (CA INDEX NAME)

- RN 444608-07-5 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(4-fluoro-2-methylphenyl)-8-(2-methylphenyl)-2-[(2,2,2-trifluoroethyl)amino]- (CA INDEX NAME)

- RN 444608-08-6 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(4-fluoro-2-methylphenyl)-2-[[2-hydroxy-1-(hydroxymethyl)-1-methylethyl]amino]-8-(2-methylphenyl)- (CA INDEX NAME)

- RN 444608-11-1 CAPLUS
- CN Acetamide, 2-[[8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]-N,N-dimethyl- (CA INDEX NAME)

- RN 444608-13-3 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[[2-oxo-2-(1-pyrrolidinyl)ethyl]amino]- (CA INDEX NAME)

- RN 444608-18-8 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[[(1R,2R)-2-hydroxycyclohexyl]amino]-, rel- (CA INDEX NAME)

Relative stereochemistry.

RN 444608-20-2 CAPLUS

CN Acetamide, 2-[[8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]-N-(2-hydroxyethyl)- (CA INDEX NAME)

RN 444608-22-4 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluoropheny1)-4-(4-fluoro-2-methylpheny1)-2-[[2-(2H-tetrazol-5-y1)ethyl]amino]- (CA INDEX NAME)

RN 444608-23-5 CAPLUS CN Acetamide, N-cyclopropyl-

N Acetamide, N-cyclopropyl-2-[[8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]- (CA INDEX NAME)

RN 444608-25-7 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2methylphenyl)-2-[(2H-tetrazol-5-ylmethyl)amino]- (CA INDEX NAME)

- RN 444608-28-0 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2methylphenyl)-2-[[(1R,2R)-2-hydroxycyclopentyl]amino]-, rel- (CA INDEX NAME)

Relative stereochemistry.

- RN 444608-30-4 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[[3-(methylsulfonyl)propyl]amino]- (CA INDEX NAME)

- RN 444608-31-5 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2methylphenyl)-2-[[2-oxo-2-(3-oxo-1-piperazinyl)ethyl]amino]- (CA INDEX NAME)

- RN 444608-32-6 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[[(3-methyl-1H-1,2,4-triazol-5-yl)methyl]amino]- (CA INDEX NAME)

- RN 444608-33-7 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[[(tetrahydro-1,1-dioxido-3-thienyl)methyl]amino]- (CA INDEX NAME)

- RN 444608-35-9 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[[(3-methyl-5-isoxazolyl)methyl]amino]- (CA INDEX NAME)

- RN 444608-37-1 CAPLUS
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- RN 444608-39-3 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[(2,3-dihydro-2-oxo-4-pyrimidinyl)amino]-4-(4-fluoro-2-methylphenyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN $-444608{-}40{-}6$ CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[(1H-imidazol-2-ylmethyl)amino]- (CA INDEX NAME)

RN 444608-41-7 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-(1H-1,2,4-triazol-5-ylamino)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN -444608--42--8 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-(2H-tetrazol-5-ylamino)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 444608-43-9 CAPLUS

CN Pyrido(2,3-d)pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-((2-methoxyethyl)amino]- (CA INDEX NAME)

- RN 444608-44-0 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2methylphenyl)-2-[(tetrahydro-3-furanyl)amino]- (CA INDEX NAME)

- RN 444608-46-2 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[(2-hydroxyethyl)methylamino]- (CA INDEX NAME)

- RN 444608-47-3 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[[2-(1H-imidazol-5-yl)ethyl]amino]- (CA INDEX NAME)

- RN 444608-48-4 CAPLUS
- CN Acetamide, 2-[[8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]- (CA INDEX NAME)

- RN 444608-49-5 CAPLUS
- CN Cyclopropanecarboxamide, N-[8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]- (CA INDEX NAME)

- RN 444608-51-9 CAPLUS
- CN Cyclopropanecarboxamide, N-(cyclopropylcarbonyl)-N-[8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]-(9CI) (CA INDEX NAME)

- RN 444608-53-1 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[[(tetrahydro-2-furanyl)methyl]amino]- (CA INDEX NAME)

- RN 444608-54-2 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[[2-(3-hydroxy-1-azetidinyl)-2-oxoethyl]amino]- (CA INDEX NAME)

- RN 444608-55-3 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(4-fluoro-2-methylphenyl)-2-[[(2R)-2-hydroxypropyl]amino]-8-(2-methylphenyl)- (CA INDEX NAME)

- RN 444608-56-4 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(4-fluoro-2-methylphenyl)-2-[(2-hydroxy-2-methylpropyl)amino]-8-(2-methylphenyl)- (CA INDEX NAME)

RN 444608-57-5 CAPLUS

CN Cyclopentanecarboxamide, 2-[[8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]-, (1R,2S)-rel- (CA INDEX NAME)

Relative stereochemistry.

RN 444608-59-7 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 4-(4-fluoro-2-methylpheny1)-2-[[(2S)-2-hydroxypropy1]amino]-8-(2-methylpheny1)- (CA INDEX NAME)

- RN 444608-60-0 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2methylphenyl)-2-(methylamino)- (CA INDEX NAME)

- RN 444608-61-1 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[[2-(1,1-dioxido-4-thiomorpholinyl)-2-oxoethyl]amino]-4-(4-fluoro-2-methylphenyl)(CA INDEX NAME)

- RN 444608-62-2 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[[3-(2-oxo-1-pyrrolidinyl)propyl]amino]- (CA INDEX NAME)

- RN 444608-65-5 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-2-[[2-(2,5-dihydro-5-oxo-1,2,4-oxadiazol-3-yl)ethyl]amino]-4-(4-fluoro-2-methylphenyl)- (CA INDEX NAME)

- RN 444608-84-8 CAPLUS
- CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-2-[[2-hydroxy-1-(hydroxymethyl)-1-methylethyl]amino]- (CA INDEX NAME)

- IT 444608-26-8P, [8-(2,6-Difluorophenyl)-4-(4-fluoro-2-methylphenyl)7-oxo-7,8-dihydropyrido[2,3-d]pyrimidin-2-ylamino]acetonitrile
 - 444608-50-8P, 2-Amino-8-(2,6-difluorophenyl)-4-(4-fluoro-2-
 - methylphenyl)-8H-pyrido[2,3-d]pyrimidin-7-one
 - RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 - (intermediate; preparation of pyridopyrimidinones as CSBP/RK/p38 kinase inhibitors by cyclization reactions of (phenylamino)pyrimidinecarbaldeh yde derivs.)
- RN 444608-26-8 CAPLUS
- CN Acetonitrile, 2-[[8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]- (CA INDEX NAME)

RN 444608-50-8 CAPLUS
CN Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-amino-8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)- (CA INDEX NAME)

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(FILE 'HOME' ENTERED AT 13:58:39 ON 29 SEP 2008)

FILE 'REGISTRY' ENTERED AT 13:58:45 ON 29 SEP 2008

L1 STRUCTURE UPLOADED L2 437 S L1 FULL

FILE 'CAPLUS' ENTERED AT 13:59:11 ON 29 SEP 2008 L3 12 S L2

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COST IN U.S. DOLLARS

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

ENTRY

SESSION

CA SUBSCRIBER PRICE -9.60 -9.60

STN INTERNATIONAL LOGOFF AT 14:00:03 ON 29 SEP 2008